

19990623.qrp v01_n497.qrl.990623

Date: Wed, 23 Jun 1999 19:03:18 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1497

QRP-L Digest 1497

Topics covered in this issue include:

- 1) [43293] The Bencher "Mercury" Paddle at Dayton (Kinda Long)
by Jerry Henshaw <jhenshaw@bellsouth.net>
- 2) [43294] Time Domain Reflectometer (was:Testing Coax Cables)
by applitech@mcg.net (Claton Cadmus)
- 3) [43295] Re: Proposed QRP rig appearance Contest
by Russ Hines <radioruss@fuse.net>
- 4) [43296] Re: [Elecraft] Re: Where did "K-2" come from?
by Phil Wheeler <w7ox@mindspring.com>
- 5) [43297] Solar
by "Ron Polityka" <wb3aal@talon.net>
- 6) [43298] FS: Heath HM-9 on eBay
by "Jim Johnson" <km7h@gte.net>
- 7) [43299] Re: Where did "K-2" come from?
by "Richard Brummer" <obvious@bestweb.net>
- 8) [43300] Re: The Bencher "Mercury" Paddle at Dayton
by "The one and only!" <mitch96@pobox.com>
- 9) [43301] Re: coax / balun help
by John R Kirby <n3aaz-qrp@juno.com>
- 10) [43302] Re: Proposed QRP rig appearance Contest
by Michael Neverdosky <MichaelN@cycat.com>
- 11) [43303] Re: [Elecraft] Re: Where did "K-2" come from?
by Michael Neverdosky <MichaelN@cycat.com>
- 12) [43304] Bay Gen Exposed
by Paul Kaczmarek <catmandu@freewwwweb.com>
- 13) [43305] Re: Where did "K-2" come from?
by david fouchey <dafouchey@home.com>
- 14) [43306] Help with Red Hot NC-20 VFO
by "Bruce Huyck" <bruce@pad-uky.campuswix.net>
- 15) [43307] RE: Testing Coax Cables (revisited)
by Denton Bramwell <Denton@Bramwell.Org>
- 16) [43308] TH6DXX manual
by tom whalen <wb5qyt@eFortress.com>
- 17) [43309] Re: Testing Coax Cables (revisited)
by Jim <w7ls@blarg.net>
- 18) [43310] Ebay- Rare Kantronics 80/40 QRP rcvr
by RLucch2098@aol.com
- 19) [43311] Elecraft Field Day

- by George Zafiropoulos <georgez@quickturn.com>
- 20) [43312] Solar Update
by "Paul Harden, NA5N" <na5n@rt66.com>
- 21) [43313] Pacon dates???
by Lamborn@onlinecol.com
- 22) [43314] CQC Field Day-- Certificate Offered
by "Marshall Emm" <mgemm@mtechnologies.com>
- 23) [43315] RED HOT NC-20 on the air!
by Dave Redfearn <n4elm@texoma.net>
- 24) [43316] Re: Where did "K-2" come from?
by Conard Murray <ws4s@InfoAve.Net>
- 25) [43317] mini-dxpedition to WY - results
by "Buck, Preston D" <BuckPD@corning.com>
- 26) [43318] Re: [Elecraft] Re: Where did "K-2" come from?
by guillotstutoring@juno.com
- 27) [43319] Re: Ebay- Rare Kantronics 80/40 QRP rcvr
by Norm Melick <henmel@worldnet.att.net>
- 28) [43320] I'm in trouble
by "Ian C. Purdie" <purdic@integritynet.com.au>
- 29) [43321] Re: Rigs with catchy names
by Bensondj@aol.com
- 30) [43322] Re: Testing Coax Cables (revisited)
by John R Kirby <n3aaz-qrp@juno.com>
- 31) [43323] Re: Ebay- Rare Kantronics 80/40 QRP rcvr
by "Jerry W. O'Dell" <jwodell@ameritech.net>
- 32) [43324] Re: Rigs with catchy names
by Richard Sherman <srichard@aldus.northnet.org>
- 33) [43325] Re: Ebay- Rare Kantronics 80/40 QRP rcvr
by "Harry Hurst" <hhurst@delaware.infi.net>
- 34) [43326] DRCP kits manuals now online
by dareid@Synopsys.COM
- 35) [43327] newbie ? - book review/comments
by Michael Bower <bowerm@ix.netcom.com>
- 36) [43328] Another question from newbie
by Michael Bower <bowerm@ix.netcom.com>
- 37) [43329] Re: Ebay- Rare Kantronics 80/40 QRP rcvr
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 38) [43330] State of Origin
by "Ian C. Purdie" <purdic@integritynet.com.au>
- 39) [43331] Re: Another question from newbie
by Zack Lau <zlau@arrl.org>
- 40) [43332] HW-8 help needed
by Mike Czuhajewski <wa8mcq@erols.com>
- 41) [43333] Microphonic HW7 and ceramic caps
by Mike Czuhajewski <wa8mcq@erols.com>
- 42) [43334] Re: Where did "K-2" come from?
by "Jeffrey L. L. Greer" <wd4et@juno.com>
- 43) [43335] Re: mini-dxpedition to WY - results

by "Rod Cerkoney" <rlw@friei.com>
44) [43336] Re: Ebay- Rare Kantronics 80/40 QRP rcvr
by Roger Hightower <n7kt@earthlink.net>
45) [43337] Re: Another question from newbie
by Don Lefrancois <wb1cdh@cwix.com>
46) [43338] Yaesu FT290 Mic Pinout??
by Bcieslak@ra.rockwell.com
47) [43339] Rare Kantronics 80/40 QRP rcvr ???
by "George Goodroe" <goodroe@worldnet.att.net>
48) [43340] Re: Need help with RED HOT NC-20 toroids!!
by mahlon.r.haunschild@ac.com
49) [43341] Re: Another question from newbie (long)
by n4elm@texoma.net
50) [43342] Re: Super-Wire-Kit plus options
by James Skalski <jskalski@localnet.com>
51) [43343] HW-9 SWR Meter?
by Jeff Grudin <grudin@pacific.vdbs.com>
52) [43344] Re: Another question from newbie
by "Jim Stafford, W4Q0" <w4qo@amsat.org>
53) [43345] Brannan Island QRP FD expedition is off
by Jeff <fantbb@yahoo.com>
54) [43346] QRP Baluns
by Joseph Trombino Jr <joebarb@wilmington.net>
55) [43347] "Killer" antenna in QST
by "Richard E. Robinson" <rerobins@email.uncc.edu>
56) [43348] Re: QRP Baluns
by "Radman" <radman@best.com>
57) [43349] Re: HW-8 help needed
by Zack Lau <zlau@arrl.org>
58) [43350] For Sale/Trade Icom w2A HT
by "Francis Callahan" <colcal@srv.net>
59) [43351] SPRINT HINTS
by ARDUJENSKI@aol.com
60) [43352] Re: QRP Baluns
by "George T. Baker" <w5yr@swbell.net>
61) [43353] Re: QRP Baluns - A Possible Solution
by Karl.Kanalz@optelinc.com
62) [43354] Re: HW-8 help needed
by Gary L Surrency <gsurrency@juno.com>
63) [43355] CDROM Archive
by David J Adams <adamsclan@netgate.net>
64) [43356] RE: HW-8 spurs
by Gary L Surrency <gsurrency@juno.com>
65) [43357] Re: QRP Baluns
by n4elm@texoma.net
66) [43358] OHR 100 Voltages..
by "Phinizy, William" <wphinizy@filenet.com>
67) [43359] Women and Mt. Everest (was something about naming the K2)

- by mwattcpa@earthlink.net (Marty Watt)
- 68) [43360] Re: QRP Baluns
by "Chuck Carpenter" <w5usj@globeco.net>
- 69) [43361] Re: Rare Kantronics 80/40 QRP rcvr ???
by Jay Bromley <w5jay@alltel.net>
- 70) [43362] Re: Super-Wire-Kit plus options
by James Skalski <jskalski@localnet.com>
- 71) [43363] antenna insulators
by "Mike W. Burger" <mike@gold.chem.hawaii.edu>
- 72) [43364] four 20w linear kits left
by "Steven Weber" <kd1jv@moose.ncia.net>
- 73) [43365] Re: antenna insulators
by Mark Sailer <msailer@msailer.rhic.bnl.gov>
- 74) [43366] Kenwood r1000 for sale
by Scott Howell <whowell@hq.nasa.gov>
- 75) [43367] RE: "Killer" antenna in QST
by "Jerry Bartachek" <jbartac@max.state.ia.us>
- 76) [43368] Re: antenna insulators
by Bob Hightower <ki7mn@extremezone.com>
- 77) [43369] Field Day Safety
by "Franco, Nicholas J" <franco@bnl.gov>
- 78) [43370] RE: antenna insulators
by "Alex Mendelsohn" <ai2q@ispchannel.com>
- 79) [43371] Re: antenna insulators
by Wa2eaw@aol.com
- 80) [43372] MULIBAND NO-TUNER DIPOLE
by ARDUJENSKI@aol.com
- 81) [43373] Re: Women and Mt. Everest (was something about naming the K2)
by Tim Ahrens <tahrens@hilconet.com>
- 82) [43374] Re: antenna insulators
by Tim Ahrens <tahrens@hilconet.com>
- 83) [43375] RE: antenna insulators
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 84) [43376] RE: Women and Mt. Everest (was something about naming the K2)
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 85) [43377] Re: Dxpeditiionary force
by Tim Pettibone <tpettibo@NMSU.Edu>
- 86) [43378] Re: antenna insulators
by "Mike Yetsko" <myetsko@insydesw.com>
- 87) [43379] SV: MULIBAND NO-TUNER DIPOLE
by "Hans =?ISO-8859-1?Q?Sundstr=F6m"?= <hans.sundstrom@telia.com>
- 88) [43380] Re: SV: MULIBAND NO-TUNER DIPOLE
by sergio <sruiz@bright.net>
- 89) [43381] Fw: [DXR] Lighthouse Weekend Events
by "Ron Polityka" <wb3aal@talon.net>
- 90) [43382] Re: Another question from newbie + more ?
by Michael Bower <bowerm@ix.netcom.com>
- 91) [43383] Re: Rigs with catchy names

by paul brice-stevens <paul@g0wat.demon.co.uk>
92) [43384] new callsign
by "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
93) [43385] 20W linear kits
by "Steven Weber" <kd1jv@moose.ncia.net>

Date: Tue, 22 Jun 1999 18:38:56 -0400
From: Jerry Henshaw <jhenshaw@bellsouth.net>
To: "'QRP List'" <qrp-1@Lehigh.EDU>
Subject: [43293] The Bencher "Mercury" Paddle at Dayton (Kinda Long)
Message-ID: <01BEBEDE.CDD67C60@host-216-77-214-95.fll.bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

Several weeks ago Doug Hendricks sent me an email and asked me to post my impression of the new Bencher "Mercury" Paddle. I sent Doug a response but I just now realized that my mail server crashed and the message wasn't sent.... sorry Doug.

For those of you who may not know, I own the last Mercury Paddle sold by N2DAN... he unfortunately became a silent key right after packing my paddle while he was still in the hospital. So I've had my Mercury for a couple of years now.

I visited the Bencher booth at Dayton last month and saw their prototype of the Mercury paddle. I noticed several deficiencies in the unit on display. Most noticeable, the base had hundreds of swirls in the chrome plating. I mentioned this to the gentlemen at the booth. He said it was an original N2DAN base. I said it must have been a base the Steve rejected due to its less than optimum appearance. My base is absolutely flawless -- no swirls just overwhelming shine.

I also noticed the contacts were not aligned properly.... they were askew. My contacts are absolutely parallel and perfectly centered. I spoke with Steve N2DAN about the making of his famous paddles. He said he had a special jig he designed to assemble the paddles. He said the jig was good enough to get the various parts "in the ballpark" but he had to spend a lot of time tweaking each paddle to get the alignment just right.

The bottom line is it will be very difficult for any mass producer to duplicate the fit and finish that N2DAN was able to achieve. Would I purchase a Bencher "Mercury" ? Perhaps if I didn't already own an original. However,

I would strongly recommend a strong look at the Hensley, WBL, Kent, Schurr, etc. before making a final decision. Bencher comes close but no cigar.

What paddle would I buy today if I couldn't get my hands on an original Mercury? Well, Wayne Smith of NORCAL paddle fame brought his latest creation to FIDM and I tried to buy his prototype... no dice... it was like trying to buy a child from its parent. Wayne did a superb job of rendering his own version of a "Mercury" he didn't just try to copy the N2DAN design.... he crafted a unique paddle that I would buy in a heartbeat. I hope Wayne's new design is picked up by one of the manufacturers.

These are my independent observations and the opinions are solely my own. Your mileage may vary.

I hope this helps and sorry again Doug for taking so long to respond.

All the best and 72's

Jerry Henshaw
KR5L/4

Date: Tue, 22 Jun 1999 18:10:26 -0500
From: applitech@mcg.net (Claton Cadmus)
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [43294] Time Domain Reflectometer (was:Testing Coax Cables)
Message-ID: <016701bebd04\$89bdf8c0\$a10a5e2c@groucho>

A very servicable add-on circuit, as mentioned in a prior post, is all that is required to make about any O-scope a Time Domain Reflectometer. The article is in QST May '89 page 22. The circuit is quite simple, must junk boxes would have the parts, and calibration is easy too. Great way to check out coax and determine exact velocity factors as they do vary from manufacturers spec. If you don't have the issue, check with you local library or club.

Admittedly this is a piece of test equipment that wouldn't be used very often, but it's cheap to make so build one as a club project and pass it around!

73 de KA0GKC Claton Cadmus
cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Tue, 22 Jun 1999 19:32:02 -0400
From: Russ Hines <radioruss@fuse.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43295] Re: Proposed QRP rig appearance Contest
Message-ID: <37701CF2.A49B9E9E@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

>

> I find the mechanical aspects of packaging a rig to be more work than
> the electronics. It can be time consuming. I've often wished I had a
> sheet metal break so I could make my own custom chassies. I'm sure

QST had a homebrewed sheet metal break article a while back... seems to
me L.B. was the author.

L.B., it was you, weren't it?? ;-)

Date: Tue, 22 Jun 1999 16:37:45 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: Wayne Burdick <n6kr@elecraft.com>
Cc: k7bli@iname.com, elecraft@qth.net, qrp-1@lehigh.edu
Subject: [43296] Re: [Elecraft] Re: Where did "K-2" come from?
Message-ID: <37701E49.A370BCD0@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Darn! And I was expecting an "Everest" to commemorate the millenium (in
2001).

Phil

Wayne Burdick wrote:

```
>
> >Would somebody enlighten me with the history of the name "K-2"??...
> >Tks in advance.
> >Duane
> >K7BLI
>
> Hi Duane,
>
> There's a story behind the name. Starting in about 1990 I designed a series
> of QRP tranceivers that I named after mountains or mountain ranges ("Mt.
> Laguna," "Sierra," etc.). Only one of them saw the light of day--the
> Sierra, which I designed for the NorCal QRP Club. Naturally, K7RO, the
> designer of NorCal's next project called it the "Cascade," and then NN1G
> got into the act with the "Green Mountain" and "White Mountain."
>
> I then promised (in front of a large crowd at Pacificon) that I would never
> again name a rig after a mountain. Five seconds later, Eric and I
> introduced our new all-band kit. I explained how, given the proximity to
> the year 2000, we had considered the name "2K."
>
> But (and Eric and I slapped our foreheads at this moment of drama), we had
> to admit that "2K" was taken--and by a linear amplifier of all things. This
> would set an unsavory precedent for a QRP rig. "So," we concluded, "let's
> just swap the letters...K2!" The audience then collectively groaned at the
> realization that this was, indeed, the name of another mountain.
>
> I then promised that *this* would be the last rig so named. ;)
>
> 73,
> Wayne
> N6KR
>
> >
> >-----
> >Get free personalized email at http://www.iname.com
> >
> >---
> >Submissions:      elecraft@qth.net
> ><Please note: The list server automatically rejects HTML encoded emails. >
> >List Archive page: http://www.qth.net/archive/elecraft/elecraft.html
> >Elecrafft Web Page: http://www.elecraft.com
>
> ---
> Submissions:      elecraft@qth.net
```


> <Please note: The list server automatically rejects HTML encoded emails. >
> List Archive page: <http://www.qth.net/archive/elecraft/elecraft.html>
> Elecraft Web Page: <http://www.elecraft.com>

Date: Tue, 22 Jun 1999 19:47:57 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [43297] Solar
Message-ID: <007501bebd09\$ac4c7600\$1d5445c6@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello,

I have a simple, probably real easy, question about solar panels. I am planning to charge our batteries with solar panels for FD. But I don't have my solar charger built yet.

Can I put the solar panel onto the deep cycle while we are operating? Should I put some type of in-line protection on the wires from the solar panel? Panels generate less than an amp at full sunlight.

72 & 73
Good DXing
Ron de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal #	Zombie #625

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>

Date: Tue, 22 Jun 1999 16:54:28 -0700
From: "Jim Johnson" <km7h@gte.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [43298] FS: Heath HM-9 on eBay
Message-ID: <000101bebd0a\$9271b280\$7aff2399@km7h>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have listed a Heathkit HM-9 QRP Wattmeter on eBay. Item #120802490

Jim Johnson, KM7H
Mukilteo, WA
QRP ARCI #3497

Date: Tue, 22 Jun 1999 20:09:35 -0400
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43299] Re: Where did "K-2" come from?
Message-ID: <009101bebd0c\$ade6e4c0\$a206b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How about the "Adirondack" for those of us in the East ?

73,
Dick K2REB

Date: Tue, 22 Jun 1999 20:22:00 -0400
From: "The one and only!" <mitch96@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [43300] Re: The Bencher "Mercury" Paddle at Dayton
Message-ID: <377028A8.C3F5E99@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jerry Henshaw wrote:

>
> I would strongly recommend a strong look at the Hensley, WBL, Kent,
> Schurr, etc. before making a final decision. Bencher comes close but
> no cigar.

Jerry, You neglected to mention the gentleman, kg2ed Richard Stamile that came third in the competition at Dayton. His prototype Merc paddle was every bit as emaculate as the N2dan paddle, and to this neophyte hi speed op, played just as well. No swerls, hi luster and the "merc man" seemed to jump out of the chrome at you. Im on the list for one as soon as his production jigs are ready.

mitch Ww4mL
Hollywood, Fla.

Date: Tue, 22 Jun 1999 20:39:36 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: jimc@msa.attmil.ne.jp, qrp-1@Lehigh.EDU
Subject: [43301] Re: coax / balun help
Message-ID: <19990622.204132.-117289.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim and Group

I have seen a lot of balun (and no balun) discussion and would like to respond...

BALUN - acronym of two words
BALanced and UNbalanced

The balun is a device which permits the transmission of energy between two systems, a balanced system and an unbalanced system.

If the feed point of an antenna is symmetric (balanced) such as with a dipole, and it is desired to feed this antenna with coax (unbalanced) it is necessary to provide a balun between the coax feed line and antenna feed point.

WHY? Efficiency.

>At QRP levels is a balun necessary for a dipole ? I'm thinking that
>if I cut it to be perfectly resonant that a balun won't be necessary.
Is
>this right?

Is the balun you provide
more or less "efficient"
than no balun?

Here is one method to evaluate the frequency response (band width) of a balun, build two (identical), connect them "back to back", feed the first one from a 50 ohm source (such as the MFJ analyzer) and terminate the second one into 50 ohm resistor or feed the first one from a 50 signal generator and measure the output from the second with a watt meter or oscilloscope terminated with 50 ohms.

Saturation is probably the worst enemy a balun will have.
For a given power level and core size the ferrite core will saturate much sooner than a powder iron core.

John
N3AAZ
FM19xa

Get the Internet just the way you want it.
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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 22 Jun 1999 20:49:50 +0000

From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [43302] Re: Proposed QRP rig appearance Contest
Message-ID: <376FE8DE.D7340BB0@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I must jump in here and clear up a bit of terminology.
The machine used to bend metal is called a brake.
The act of bending is called braking or, to brake.
The actual bend in the metal is also called a brake.

To separate something into parts, or cause it to not
function correctly is to break.

For many years I have repaired metal working machinery so
when the operator would break the brake, they would call me
to come fix it.

Sheet metal brakes come in all shapes and sizes with prices to match.

One source for a brake that is practical for ham use is Eastwood, a
company that sells tools and other goodies to auto enthusiasts, and
who is on the web at;

<http://www.eastwoodco.com>

They sell a small set of dies to mount on a normal bench vise to create
a very nice, affordable brake.

part #28068 Vise Mount Metal Brake with accessory die kit, \$89.99

This unit will do a 6" brake, and the accessory dies are 1" and 3" wide.
A very QRP brake!

:~)

michael N6CHV

radioruss@fuse.net wrote:

>

> Steven Weber wrote:

> >

> > I find the mechanical aspects of packaging a rig to be more work than
> > the electronics. It can be time consuming. I've often wished I had a
> > sheet metal brake so I could make my own custom chassies. I'm sure

>

> QST had a homebrewed sheet metal brake article a while back... seems to
> me L.B. was the author.

>

> L.B., it was you, weren't it?? ;-)

Date: Tue, 22 Jun 1999 20:51:54 +0000
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [43303] Re: [Elecraft] Re: Where did "K-2" come from?
Message-ID: <376FE95A.F1CB8C9C@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Everest may be higher, but K2 is a much tougher and more dangerous climb, mainly due to a greater avalanche risk. Sounds similar to some of the problems in electronic design. :-))

michael N6CHV

w7ox@mindspring.com wrote:

>
> Darn! And I was expecting an "Everest" to commemorate the millenium (in
> 2001).

Date: Tue, 22 Jun 1999 21:06:15 -0400
From: Paul Kaczmarek <catmandu@freewwwweb.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [43304] Bay Gen Exposed
Message-ID: <37703307.268D@freewwwweb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

A while back there was a thread on the wind-up Bay Gen radios and flashlights. Someone even mentioned they might sell the generator seperately. Well today I came accross a page that shows what the insides of these units looks like.

Check out: <http://www.mccowntech.com/inside.htm>

Hope you like it.

Paul KB2TPA <>< Sierra / TT Argosy (Pepperdog)

Date: Tue, 22 Jun 1999 21:33:23 -0400
From: david fouchey <dafouchey@home.com>
To: n6kr@elecraft.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43305] Re: Where did "K-2" come from?
Message-ID: <37703963.D3C5DC28@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

What no Annapurna? (First 8000 meter peak ever climbed.).....

Dave
WA4EMR

Wayne Burdick wrote:

>
> >Would somebody enlighten me with the history of the name "K-2"??...
> >Tks in advance.
> >Duane
> >K7BLI
>
> Hi Duane,
>
> There's a story behind the name. Starting in about 1990 I designed a series
> of QRP transceivers that I named after mountains or mountain ranges ("Mt.
> Laguna," "Sierra," etc.). Only one of them saw the light of day--the
> Sierra, which I designed for the NorCal QRP Club. Naturally, K7RO, the
> designer of NorCal's next project called it the "Cascade," and then NN1G
> got into the act with the "Green Mountain" and "White Mountain."
>
> I then promised (in front of a large crowd at Pacificon) that I would never
> again name a rig after a mountain. Five seconds later, Eric and I
> introduced our new all-band kit. I explained how, given the proximity to
> the year 2000, we had considered the name "2K."
>
> But (and Eric and I slapped our foreheads at this moment of drama), we had
> to admit that "2K" was taken--and by a linear amplifier of all things. This
> would set an unsavory precedent for a QRP rig. "So," we concluded, "let's
> just swap the letters...K2!" The audience then collectively groaned at the
> realization that this was, indeed, the name of another mountain.
>
> I then promised that *this* would be the last rig so named. ;)

>
> 73,
> Wayne
> N6KR
>
> >
> >-----
> >Get free personalized email at <http://www.iname.com>
> >
> >---
> >Submissions: elecraft@qth.net
> ><Please note: The list server automatically rejects HTML encoded emails. >
> >List Archive page: <http://www.qth.net/archive/elecraft/elecraft.html>
> >Elecraft Web Page: <http://www.elecraft.com>

Date: Tue, 22 Jun 99 20:38:45 PDT
From: "Bruce Huyck" <bruce@pad-uky.campuscwix.net>
To: "QRP-L Listserver" <qrp-l@lehigh.edu>
Subject: [43306] Help with Red Hot NC-20 VFO
Message-ID: <MAPI.Id.0016.00727563652e70613030304430303044@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

I finished Section 5 , VFO the other night. Upon testing out this section, I get a reading of .001-.002 v instead of .5-1.5v. I connected a 5" wire from R81 to R12. I tried two different meters thinking that I might have a meter problem, but I get the same readings.

I have checked the obvious connections of L1, but cannot find any problems. I touched up the solder joints to eliminate any questionable soldering.

I suspect Q2, the J310 is bad, but would appreciate any other opinions = before I yank out that transistor.

Bruce KS4V
Paducah, KY
NC 1042 ARCI 8519

Date: Tue, 22 Jun 1999 20:09:35 -0600
From: Denton Bramwell <Denton@Bramwell.Org>

To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [43307] RE: Testing Coax Cables (revisited)
Message-ID: <FF21B1073C02D311B75C0060B0A1F6AA014C39@KAYAK>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

If you have a decent Tek 7000 series oscilloscope, a quick and dirty TDR is quite easy to put together.

The +GATE signal out of the back is quite fast and clean. Use it as your pulse.

Put a BNC T on your input.

Connect the +GATE to one side of the T, through about a 6dB 50 ohm pad. Connect your test cable to the other side. Set your time base for AUTO trigger. Delayed sweep really helps, if you want to "look" out the cable.

Even with 60 MHz or so BW, you can see a lot. If you have 200 MHz or so, you can see even more. If you've got 500 MHz, I don't want to hear about it.

Date: Tue, 22 Jun 1999 19:48:02 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43308] TH6DXX manual
Message-ID: <37703CD2.2A40@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Have one coming, so thanks to all the responses.

72, Tom WB5QYT..." Have spud and bug will travel"!

Date: Tue, 22 Jun 1999 19:49:26 -0700
From: Jim <w7ls@blarg.net>
To: Denton@Bramwell.Org, qrp-1@lehigh.edu
Subject: [43309] Re: Testing Coax Cables (revisited)
Message-ID: <37704B36.D5F801AE@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

So, I can infer that if I find a hunk of surplus coax, I can determine the impedance by putting a pot on the far end, and watching the TDR for the reflection to vanish, eh? The pot value would be the impedance. Cool. Jim W7LS

Denton Bramwell wrote:

> If you have a decent Tek 7000 series oscilloscope, a quick and dirty TDR is
> quite easy to put together.
>
> The +GATE signal out of the back is quite fast and clean. Use it as your
> pulse.
>
> Put a BNC T on your input.
>
> Connect the +GATE to one side of the T, through about a 6dB 50 ohm pad.
> Connect your test cable to the other side. Set your time base for AUTO
> trigger. Delayed sweep really helps, if you want to "look" out the cable.
>
> Even with 60 MHz or so BW, you can see a lot. If you have 200 MHz or so,
> you can see even more. If you've got 500 MHz, I don't want to hear about
> it.

Date: Tue, 22 Jun 1999 23:17:21 EDT
From: RLucch2098@aol.com
To: qrp-1@lehigh.edu
Subject: [43310] Ebay- Rare Kantronics 80/40 QRP rcvr
Message-ID: <dcddbd74.24a1abc1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Guys;

All you portable Qrp fellas might want to check this out, it's a very rare rcvr by Kantronics.

Heres the URL with a picture>>

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=120655495>

Ciao for now!

Regards.....Rich WA2RQY

Web-Page URL:

<http://members.aol.com/rlucch2098/index.html>

Date: Tue, 22 Jun 1999 20:33:48 -0700
From: George Zafiropoulos <georgez@quickturn.com>
To: qrp-l@lehigh.edu
Subject: [43311] Elecraft Field Day
Message-ID: <3770559B.6C6B3FF6@quickturn.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OK OK OK, one last reminder,
The Elecraft / Sierra Radio Assn / IBM radio club field day will be at Henry Coe State Park near Morgan Hill CA. Everyone is invited to stop by, visit, operate, have a great time. You can come for the day or spend the night (if you bring your own shelter and sleeping bag) Details to be found at <http://www.qsl.net/sra/fieldday1999.html> Early setup is Friday night the 25th, and the contest starts the morning of Saturday the 26 of June. We will break camp Sunday by noon. Hope to see you there!
'73 de George KJ6VU

Date: Tue, 22 Jun 1999 21:51:29 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Cc: cqclist@cqc.org
Subject: [43312] Solar Update
Message-ID: <Pine.SUN.4.10.9906222127010.1824-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
(FIELD DAY prediction below)

I haven't posted much lately, because the sun has been boring. I don't care what Art Bell and his guests say about how this solar cycle is getting scary from all the big flares, CME's, etc. Where are they? Truth is, this solar cycle is getting hot (from a solar flux and propagation standpoint), but solar activity has been quite minimal. Then again, maybe it is saving it up for "the big one!" (Kick in "Twilight Zone" music here).

There have been a few flares past couple of weeks, right at the bottom of the M-class types (M1 and M2's). Just barely enough to cause possible geomagnetic disturbances. But these have all been near the limbs of the sun, so no direct collisions with the Earth. On the good side, it has caused the solar flux to rise a bit.

FIELD DAY PREDICTION (Preliminary)

THIS COULD BE AN EXCELLENT FIELD DAY FOR QRP!

With a few days of exception, the solar flux has been above 140-150 for many weeks. In fact, it is getting difficult to track the solar rotation from plotting the solar flux, as the highs and lows are only 20 counts apart. The solar flux today and through Field Day will be in the 160's. This means 10M will be open during daylight hours to give us a reliable new band we didn't have last year.

The geomagnetic field has also been very quiet due to no solar flare activity. The only disturbances we've had is due to coronal holes on the sun ... which spews out mass, strikes our magnetic field and disturbs it a bit. But it doesn't whack it and cause severe storming like the shockwave from a flare produces. But no coronal hole activity appears likely over the next few days. Therefore, the lower bands should be nice and quiet for field day as well. The A-index today was 4, and expected to remain at that quiet level for the next several days.

High solar flux, low A-index means all bands should support good propagation for QRP signals. Most of the guys you work probably won't even know you are QRP, as conditions will see little signal absorption.

ALASKA ... should see very favorable conditions as well. Often, while conditions are nice down here in the lower 48, the higher latitudes can have other problems effecting them. But planet Earth is very stable right now, and the high solar flux and low geomagnetic indices hold true for the upper latitudes right now as well.

Tomorrow and thursday are the critical days. If no solar flares or activity occur in the next two days, then conditions should remain this way through Field Day.

I will not be on much for Field Day helping our local club, if at all. Instead, I'll have the pleasure of hosting the Rev. George Dobbs and his wife through New Mexico. I'll be escorting them to visit some old Spanish missions, Anasazi Pueblo Indian ruins, etc. Maybe even a hamburger at the Owl Bar.

I will post an update or two before Field Day with current solar and geomagnetic conditions and the official NOAA forecasts.

(HINT: If you're not into FD, 17M and 30M will be hot too!)

72, Paul NA5N

Date: 22 Jun 1999 22:01:34 EDT
From: Lamborn@onlinecol.com
To: qrp-1@lehigh.edu
Subject: [43313] Pacon dates???
Message-ID: <199906230359.XAA58672@nss4.cc.lehigh.edu>

What are the dates for Pac Con? I am looking forward to finding out if it is as great as touted by qrpers.

Steve KI0KY Hotchkiss, CO qrp-1 1303

Date: Tue, 22 Jun 1999 22:15:42 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [43314] CQC Field Day-- Certificate Offered
Message-ID: <199906230415.WAA15774@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

The Colorado QRP Club is setting up for a monster Field Day, with TWO sites and a good time guaranteed for all.

We'd like for some of our more distant members and friends to be part of the fun, so here's what we're going to do--

CQC will send a special certificate to any QRP operator who logs six contacts with either W0CQC or AB0CD. W0CQC will be operating 24 hours on all bands/modes through 70cm so it shouldn't be too hard to do. AB0CD, being our "Aloha Site," will be a little tougher. The six contacts can be any legal mode, so for example it could work out to one CW contact on six different bands, or CW and phone contacts on three bands. Just send a request to CQC (email is fine) after Field Day.

Hope to see you all on air during the weekend, and remember-- "it's not a contest." [g]

73

Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382

--

73

Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382

--

Date: Tue, 22 Jun 1999 23:18:15 -0500
From: Dave Redfearn <n4elm@texoma.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43315] RED HOT NC-20 on the air!
Message-ID: <37706007.E16573D5@texoma.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

At 0300 GMT another RED HOT NC20 is on the air!

The receiver is hot and it makes 5+ watts on TX.

Some alignment tweaking and some measurements to record and I'll be tightening down the case screws.

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Tue, 22 Jun 1999 23:07:02 -0500
From: Conard Murray <ws4s@InfoAve.Net>
To: obvious@bestweb.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43316] Re: Where did "K-2" come from?
Message-ID: <015801bebd2d\$db88b4a0\$386274cc@pentagrid>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

How about the "Adirondack" for those of us in the East ?

>

>

Or, you could name one after my last scratch-built wireless Smokey!
73 de Conard, WS4S

Date: Wed, 23 Jun 1999 00:29:44 -0400
From: "Buck, Preston D" <BuckPD@corning.com>
To: "'qrp-1'" <qrp-1@Lehigh.EDU>
Subject: [43317] mini-dxpedition to WY - results
Message-ID: <9C472CF03C5ED111BBF20000F84A17010125BC85@EAGLE.CORNING.COM>
Content-Return: allowed
Mime-Version: 1.0
Content-Type: text/plain

Greetings all,

I made it to WY through some really pretty scenery. Found the highest place around for miles, with a view of the Grand Tetons in the distance. At least I think it was the Grand Tetons.

Only one problem. NO BLOOMING TREES!!! Arrgghh! How in the heck can I get my

antenna in the air with not trees! I ended up tying the antenna to a fence in two places and then to the car. It was about 3.5 feet high. Gee, no wonder I didn't make any contacts.

I called CQ for about 2 hours before I started looking for someplace else. I saw some schools in the valley about 400ft below me. School means baseball diamond which means backstop, which means at least 20ft or so of elevation for a sloper. Well that didn't work either because none of them had anyplace close to park. The sun was going down and the wind was howling. Too cold to be outside.

"Did I mention the wind?" - Chuck Adams K5FO

I am sorry if I disappointed you, but I tried.

I think I will explore the option of a mag-mount vertical that can be disassembled and stuck in my luggage, for future rental car use. While stationary of course, I am dangerous enough without being distracted with CW DX.

Results: 170 miles of driving (at 80mph legally no less), 15 pictures of interesting terrain as seen behind the steering wheel (while doing 80mph no less) and some lessons learned and a touch of disappointment.

This is the first trip I brought a radio on, so I have lots to learn. When I first checked in, they gave me a room on the 2nd floor. The room had an opening window right by the AC units, so I asked for a different room. It was a convenient and true excuse. I asked for something high and got the 7th floor of 9. That should be high enough. Argh. The windows up here don't open. Foiled again. And the building seems to be a good faraday cage. Maybe next time.

73

Preston, n0g1m, frustrated in UT and WY

Date: Tue, 22 Jun 1999 23:35:43 -0500
From: guillotstutoring@juno.com
To: qrp-1@Lehigh.EDU
Subject: [43318] Re: [Elecraft] Re: Where did "K-2" come from?
Message-ID: <19990622.233544.-795895.0.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

K2 was also climbed by a woman, however she died on the way down. She was caught in a storm. I don't think a woman has ever climbed Everest. K2

is lower but not by much.

Ed Guillot, N5ED, New Orleans, LA
qrp-l#1951, qrp-arci#3988, ARRL(life)

On Tue, 22 Jun 1999 20:51:54 +0000 Michael Neverdosky
<MichaelN@cycat.com> writes:
>Everest may be higher, but K2 is a much tougher and more dangerous
>climb, mainly due to a greater avalanche risk. Sounds similar to
>some of the problems in electronic design. :-))
>
>michael N6CHV
>

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Date: Tue, 22 Jun 1999 23:55:14 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [43319] Re: Ebay- Rare Kantronics 80/40 QRP rcvr
Message-ID: <377084D2.2CD8EBE@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys,

I joined this list to learn and enjoy amateur radio in general, and QRP in particular. If I wanted to be spammed with e-bay items, I'd join the other lists. I sell things on e-bay, and I don't use my "friends" on this list to fire up the bidding. I'd really like to see these types of posts stopped.

Am I the only one who feels this way?

Norm/KQ6SD

Date: Wed, 23 Jun 1999 17:51:17 +1000

From: "Ian C. Purdie" <purdic@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43320] I'm in trouble
Message-ID: <377091F5.18B65007@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys and girls,

I'm experiencing deep drama with my internal modem. I get on air with difficulty.

If I owe you email please be patient.

Any modem guru out there with a diagnostic routine, advice anything at all. Please reply direct. My 33K modem now limps along at 1200 bps.

I may have been victim of a lightning strike. I dunno

Thanks
73's

Ian

Date: Wed, 23 Jun 1999 05:08:42 EDT
From: Bensondj@aol.com
To: qrp-1@lehigh.edu
Cc: n6kr@elecraft.com
Subject: [43321] Re: Rigs with catchy names
Message-ID: <e6a321b.24a1fe1a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

gang-

>>From: Wayne Burdick <n6kr@elecraft.com>

>>There's a story behind the name. Starting in about 1990 I designed a series
>>of QRP transceivers that I named after mountains or mountain ranges ("Mt.
>>Laguna," "Sierra," etc.). Only one of them saw the light of day--the
>>Sierra, which I designed for the NorCal QRP Club. Naturally, K7R0, the

>>designer of NorCal's next project called it the "Cascade," and then NN1G
>>got into the act with the "Green Mountain" and "White Mountain."

At which point we realized the mountain thing had been carried quite far
enough. Besides- who the heck can spell 'Adirondacks'? ;-)

72/73- Dave, NN1G

Date: Wed, 23 Jun 1999 07:05:35 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: w7ls@blarg.net, qrp-1@Lehigh.EDU
Subject: [43322] Re: Testing Coax Cables (revisited)
Message-ID: <19990623.070659.-252489.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim and Group,

>So, I can infer that if I find a hunk of surplus coax, I can determine
>the impedance by putting a pot on the far end, and watching the TDR for
>the reflection to vanish, eh? The pot value would be the impedance.
Cool.
>

Yes and that is not all...

If the step pulse (rise time in pico seconds or better) is quick enough
i.e. the faster the rise time and the better the oscilloscope the more
you can see,
such as discontinuities along the line.

You can even see a BNC connector,
try this,
connect two cables together using BNC connectors
short the far end and see what happens,
now open the far end, wow!

Another rule of thumb, the longer the line the less resolution.

John
N3AAZ
FM19xa

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 23 Jun 1999 07:01:33 -0400
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: henmel@worldnet.att.net, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [43323] Re: Ebay- Rare Kantronics 80/40 QRP rcvr
Message-ID: <19990623110235.DEB7684@default>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:55 PM 6/22/99 -0700, Norm Melick wrote:

>Guys,
>
>I joined this list to learn and enjoy amateur radio in
>general, and QRP in particular. If I wanted to be spammed
>with e-bay items, I'd join the other lists. I sell things

Second the motion. I suspect the gentleman in question
is either not a ham, or not aware of the furor on other lists
about that troublesome outfit.

73 jerry w8gnd

Date: Wed, 23 Jun 1999 06:42:46 -0400
From: Richard Sherman <srichard@aldus.northnet.org>
To: <qrp-l@Lehigh.EDU>
Subject: [43324] Re: Rigs with catchy names
Message-ID: <3.0.1.32.19990623064246.0080d790@aldus.northnet.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>enough. Besides- who the heck can spell 'Adirondacks'? ;-)

Hmmm, another QRP-L operating event? On-air spelling bees, in reverse sort
of?

QSO points given only if the word is sent correctly spelled. :->

72 de Rick WZ2T from inside the Adirondack Park

srichard@northnet.org

---If you're not part of the solution,
You're part of the precipitate.---
Steven Wright

Date: Wed, 23 Jun 1999 07:04:42 -0400
From: "Harry Hurst" <hhurst@delaware.infi.net>
To: <henmel@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43325] Re: Ebay- Rare Kantronics 80/40 QRP rcvr
Message-ID: <002201bebd68\$32babd60\$020b010a@upstairs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Let's stop posting ebay alerts.
We all know how to find ebay if we want it.

>I joined this list to learn and enjoy amateur radio in
>general, and QRP in particular. If I wanted to be spammed
[deleted]
>Norm/KQ6SD
>

Date: Wed, 23 Jun 1999 13:01:01 +0200
From: dareid@Synopsys.COM
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>, gqrp@onelist.com
Subject: [43326] DRCP kits manuals now online
Message-ID: <199906231101.NAA20705@goofy.gr05.synopsys.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi all,

Just thought I'd let you all know that I have uploaded images of the

manuals for my kits to my new website...

The MicroKeyer and MicroTutor manuals are online now.
Check them out at:

<http://www.qsl.net/pa3hbb> and follow the link to 'Products'.

73 es GL
de Dave PA3HBB / G0BZF

Date: Wed, 23 Jun 1999 07:25:49 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43327] newbie ? - book review/comments
Message-ID: <3770C43D.F9F4996D@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Although I have had a QRP for quite a while, I am not active in QRP but would like to get back into it. (Actually get into it since I never really was that active.)

ARRL has a new book called "Low Power Communication - The Art and Science of QRP".

Does any one have any comments on this book? Good starter book? Are there better? (I have W1FB's QRP Notebook and one other QRP book but it is pretty meager in contents.)

TIA

Michael - N4NMR
bowerm@ix.netcom.com

Date: Wed, 23 Jun 1999 07:29:12 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43328] Another question from newbie
Message-ID: <3770C508.481F423B@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have another question about getting up and running:

If I want to build a setup that will allow me to operate from home AND take on the road, what is the minimum that I am going to need? My guess at a list is below:

Transceiver
Key or keyer if not built-in
Microphone IF SSB on Transceiver
Long wire

What am I missing? In particular, do I really need an antenna tuner?
Do I really need an expensive albeit portable antenna?

TIA

Michael - N4NMR
bowerm@ix.netcom.com

Date: Wed, 23 Jun 1999 08:00:38 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: RLucch2098@aol.com
Cc: qrp-1@lehigh.edu
Subject: [43329] Re: Ebay- Rare Kantronics 80/40 QRP rcvr
Message-ID: <v03102801b39679fccfba@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Rich, WA2RQY, writes;

>Hi Guys;
>All you portable Qrp fellas might want to check this out, it's a very rare
>rcvr by Kantronics.

snip....

And from Rich's Ebay ad ...

>Please bid up and Enjoy Ebay

snip

Perhaps you should've made it clear in your qrp-l post that it is your rig you are calling our attention to. Maybe next time you will give the qrp-l folks a chance to buy your gear before resulting to Ebay.

BTW, the 8040B is more common than the earlier versions, none of which are very rare. Ten Tec MR-1s are very rare, Kantronics 8040Xs are not in the same league.

72,

Rick kf4ar

Date: Wed, 23 Jun 1999 22:29:14 +1000
From: "Ian C. Purdie" <purdic@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [43330] State of Origin
Message-ID: <3770D31A.E1E20496@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry Gang,

This is difficult (painful) with my transmission problems - I now actually dial manually and bury handset between two cushions to prevent acoustic feedback (true). Don't laugh or snigger behind my back. This is dead serious.

I omitted to mention earlier re lightning strike - "God's pay back"

Anyway,

But the third and final State of Origin football match just finished. This is the game that REAL men play.

Sorry for the bandwidth but it finished 10 - 10. Previous two games were one a piece. If we have someone who can convert Pal to NTSC it was an absolute blinder and thoroughly deserves wide viewing by ALL sports aficionados, particularly all football fans, no matter what code!,

I have recorded 2 1/2 hrs LP on an AKAI VG - G 285EA and if someone can convert to NTSC I'm happy to provide the tape. Let me know your interest

and the tape will eventually find you for 7 days on a round robin basis.

Yes it's QRP, look at the score!. Sorry but I'm a b****y proud Aussie at this moment and want to share with the wide world the absolute magic of the game,

Thanks for the bandwidth and tolerance.

73's

Ian Purdie

Date: Wed, 23 Jun 1999 08:38:09 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@lehigh.edu
Subject: [43331] Re: Another question from newbie
Message-ID: <3770D530.928D347D@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A half wave dipole often works well without a tuner.
Bringing a mast is a good idea if you have never been
there before.--Zack W1VT

Date: Wed, 23 Jun 1999 08:36:31 -0400
From: Mike Czuhajewski <wa8mcq@erols.com>
To: QRP forum <qrp-l@lehigh.edu>
Cc: Mike Czuhajewski <wa8mcq@erols.com>
Subject: [43332] HW-8 help needed
Message-ID: <3770D4CF.654E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm working on one of these for N8CFK, and discovered that 15M has some pretty hefty crud on the output. It's not harmonics either, just some spurious lower frequency signal on it, maybe 4 or 5 MHz, with a hefty spur above the 21 MHz output and MANY hefty spurs on the low side all the way down to zero. (The output waveform looked absolutely horrible on

an oscilloscope and the spectrum analyzer at work confirmed it! All other bands look great on both instruments.)

This is not a fixed frequency problem, either. As the output tuning cap is varied, the crud varies, both in frequency and amplitude, and it also varies when the mixer coil is tuned. I've tried all the usual things--tuning up the rig (except the heterodyne crystal oscillator coil, which I'm afraid to touch since the slugs often like to break easily, from my experience), checked the band switching diodes throughout the rig (a potential source of many interesting problems, from experience), PCB to chassis grounds, looked at various voltages and waveforms in the heterodyne oscillator and mixer areas, etc. All other bands are perfectly behaved, with excellent harmonic suppression and no spurs anywhere. BTW, 15M also has excellent harmonic performance; it's just the spurs that are a problem.

What I have NOT done is replace the output network coils (which are powdered iron and not ferrite, and not suspected of going bad), or replace the heterodyne crystal (waveform looks perfectly good on the oscillator). I did suspect that a ferrite bead on the base lead of the final amp might help so I pulled it out and saw that it already had one. I replaced it with another bead, on the remote chance that the bead had gone bonkers--something that ferrites can do under some circumstances--but that did no good either.

BTW, N8CFK had replaced three parts which were burned up when he got the rig--the final amp, it's RF choke and the upside down zener diode. The RF choke in his looks somewhat different than the one in my own HW8, which doesn't necessarily mean anything. (It's supposedly a suitable substitute.) I haven't tried replacing the choke yet, which I'll do later--could have a self-resonance somewhere that's causing problems.

BTW, with careful tuning of the driver coil for 15M I can get the spurs down to a semi-respectable level of 33 dB below the carrier. While that may technically be a legal level, I would NEVER put a rig like that on the air, with so many spurs all down the spectrum.

Anyone have any ideas on this head-scratcher? If anyone comes up with a solution, you'll have my eternal gratitude, as well as a prominent spot in a future edition of the Idea Exchange column in the QRP Quarterly!

--

73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com

Date: Wed, 23 Jun 1999 08:46:04 -0400
From: Mike Czuhajewski <wa8mcq@erols.com>
To: QRP forum <qrp-1@lehigh.edu>

Cc: Mike Czuhajewski <wa8mcq@erols.com>
Subject: [43333] Microphonic HW7 and ceramic caps
Message-ID: <3770D70C.4DB1@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Regarding this topic of a couple days ago, some types of ceramic caps have long been known to be capable of being microphonic due to the piezoelectric effect. But it works both ways--they can be speakers, too!

About 15 years ago I built up a keyer from a Curtis chip (which I still use) and it included a sidetone oscillator (which I rarely use). After I built it, I noticed that when I had the internal sidetone speaker switched off, I could hear a faint clicking as I sent CW if I had my ear close to the unit. I would have suspected that of being a reed relay, except that the keyer did not use an output relay. It turned out that one of the ceramic caps in the sidetone circuit was being "reverse microphonic" and was acting as a micro speaker :-). I replaced the cap and cured the problem.

If anyone wants to claim that this isn't QRP-related, just think of that capacitor as a QRP speaker :-)

--

73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com

Date: Wed, 23 Jun 1999 08:06:43 EDT
From: "Jeffrey L. L. Greer" <wd4et@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [43334] Re: Where did "K-2" come from?
Message-ID: <19990623.090208.4030.0.wd4et@juno.com>

How about "Zephyr Hills" for those of us in Florida?

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 23 Jun 1999 07:09:42 -0600
From: "Rod Cerkoney" <rcw@frii.com>
To: <BuckPD@corning.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43335] Re: mini-dxpedition to WY - results

Message-ID: <002101bebd79\$ac5b2720\$968711d8@compaq>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi Buck:

----- Original Message -----

From: Buck, Preston D <BuckPD@corning.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Tuesday, June 22, 1999 10:29 PM

Subject: mini-dxpedition to WY - results

...

> Only one problem. NO BLOOMING TREES!!! Arrgghh! How in the heck can I
get my >antenna in the air with not trees! I ended up tying the antenna to
a fence in

Welcome to the wild-wild west! Starting from about Colorado, Western
Nebraska, Kansas... and spreading out over the vast terrain of the
western/southwestern states the climate varies from semi-arid to desert, re:
NO TREES, or very small ones! Of course there are exceptions WA, OR, No CA
(redwoods) various altitudes in mountain , terrain, probably others...But to
para-phrase Teddy Wilson: 'send code at QRP levels and carry a TALL stick!
Some rope, a few stakes, long piece of coax...' ;-) The good news is, with
the lower humidity, our towers don't rust out quickly. ;-)

Sorry it didn't turn out as you hoped, but I hope you had some fun trying.
Anyway, you got to see some interesting terrain in SW WY, NE UT. That in
itself ain't bad. In fact you probably traveled over some of the exact same
ground that the old wagon trains traveled over! If you know where to look,
tracks from those old wagons still survive to day.

72/3 Rod, NØRC

da di dah

Date: Wed, 23 Jun 1999 06:12:15 +0000

From: Roger Hightower <n7kt@earthlink.net>

To: henmel@worldnet.att.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [43336] Re: Ebay- Rare Kantronics 80/40 QRP rcvr
Message-ID: <37707ABF.B96109AD@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I agree. I occasionally check e-bay for ham stuff, and if I find a goodie, bid on it. Posting to the List only serves to jump the bidding up to where it's no longer a good deal.

Please keep the List and the auction separate.

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Wed, 23 Jun 1999 09:10:40 -0400
From: Don Lefrancois <wb1cdh@cwix.com>
To: bowerm@ix.netcom.com
Cc: QRP-L <QRP-L@Lehigh.edu>
Subject: [43337] Re: Another question from newbie
Message-ID: <000601bebd79\$de07d3e0\$5f4d3ea6@0302316260447626>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike..

Here is what I use..and it fits in a small briefcase. I found from years of experience working packet from many places I have visited that if you omit just one thing you could be shutdown completely. Also remember Murphy's Law..something will go wrong. The best thing to do is set it all up at home before you leave and make sure it works under the conditions you think you will be in.

1. Power supply with proper connectors to the Transceiver. I use a gelcell so A/C is not required. I have made a special connector cable from the gel-cell to the transceiver.

2. Transceiver..Heathkit HW-9 I bring this one along in the event one band is "dead" I can use another. If you bring a monobander and that band is "dead" then you go swimming. If you are planning SSB activity its always good to bring the mike along.

3. Antenna Tuner with cable to connect to the Transceiver. If you brought a mono bander you can check it out at home to make sure the SWR is low and then the Tuner is superfluous. With a multiband rig bring the tuner.

4. Antennas...Made of small wire and small insulators. The antennas I have are almost invisible. Put each antenna either on a small piece of wood or audio cassettes. Mark each antenna for the band it is used for. (Small is good). Bring a long wire antenna as a backup. I Make dipoles for 40 and 20 plus the long wire..about 65 ft.

5. Feedline..300 ohm tv twin lead will do or ladder line. I find that it is easier to tune the antenna for different bands with ladderline or twin lead. Using small co-ax is okay but tough to get a good SWR. Small Coax can be wound on a small spool. Make sure of the coax connectors.

6. Straight key.....with cable to connect to rig. Would love to have a paddle along but the paddles I have are a little large and am planning on getting a small paddle. My HW-9 has a built in keyer.

7. Roll of electricians tape...bring it along..it will be of great use.. like using it to throw the string over a branch to launch the antenna..

8. Roll of nylon string..strong enough to hold the antenna up. Its only going to be temporary so as long as it holds for a week it should be fine.

9. Pad and pencils..I still write all my QSOs. At my age I tend to have "senior moments". Also good to fill out your log when you get home.

10. MAKE SURE ALL IS TESTED IN THE BACKYARD UNDER TOUGH CONDITIONS. THEN PACK IT RIGHT THERE INTO THE BRIEFCASE AND GO STRAIGHT TO THE CAR AND PUT IT IN THE TRUNK.

GOOD LUCK,

DON

=====

Amateur Radio---K 1 N N P

QRP-L #1778 NorCal #1518 NE #436

Jewett City, Ct. 06351

-----Original Message-----

From: Michael Bower <bowerm@ix.netcom.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Wednesday, June 23, 1999 7:56 AM

Subject: Another question from newbie

>

>I have another question about getting up and running:
>
>If I want to build a setup that will allow me to operate from home AND
>take on the road, what is the minimum that I am going to need? My guess
>at a list is below:
>
>Transceiver
>Key or keyer if not built-in
>Microphone IF SSB on Transceiver
>Long wire
>
>What am I missing? In particular, do I really need an antenna tuner?
>Do I really need an expensive albeit portable antenna?
>
>TIA
>
>Michael - N4NMR
>bowerm@ix.netcom.com
>

Date: Wed, 23 Jun 1999 08:31:43 -0500
From: Bcieslak@ra.rockwell.com
To: qrp-l@lehigh.edu
Subject: [43338] Yaesu FT290 Mic Pinout??
Message-ID: <86256799.004A5317.00@ramilwsmt01.ra.rockwell.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

With all the talk of exotic qrp dx I decided to hedge my luck and look into our local DX spotting cluster.

I am wiring my Yaesu FT-290R MK II 2M all mode portable to a tnc but the manual doesn't describe the pinout of the microphone connector.

It looks like an 8-pin connector. Anyone familiar with it??

Brian AE9K

Date: Wed, 23 Jun 1999 09:41:06 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [43339] Rare Kantronics 80/40 QRP rcvr ???

Message-ID: <000001bebd7e\$0f2710e0\$0be2fea9@ggoodroe>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi All,

Does anyone have any experience with the Kantronics QRP Radio currently on Ebay? Good or bad? And is it rare?

Thanks and 73 de KF4CPJ

George Goodroe, QRP-L #1943

St. Petersburg, Florida USA

80 Meter high noise capital of the USA <grin>

<http://home.att.net/~goodroe>

<http://www.qsl.net/kf4cpj>

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf
Of RLucch2098@aol.com

Sent: Tuesday, June 22, 1999 11:17 PM

To: Low Power Amateur Radio Discussion

Subject: Ebay- Rare Kantronics 80/40 QRP rcvr

Hi Guys;

All you portable Qrp fellas might want to check this out, it's a very rare rcvr by Kantronics.

Heres the URL with a picture>>

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=120655495>

Ciao for now!

Regards.....Rich WA2RQY

Web-Page URL:

<http://members.aol.com/rlucch2098/index.html>

Date: Wed, 23 Jun 1999 07:04:46 -0500

From: mahlon.r.haunschild@ac.com

To: qrp-l@Lehigh.EDU

Cc: n4elm@texoma.net

Subject: [43340] Re: Need help with RED HOT NC-20 toroids!!

Message-ID: <86256799.0041BBEB.00@amrh1101.ac.com>

Mime-Version: 1.0

Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

Dave,

Your phase change observation is essentially correct. Don't worry about it, it doesn't make any difference (it didn't in my case). You're not trying to add/subtract voltages or currents here; you're simply transforming impedances, and the phase change (if any; the board layout may take this into consideration, for all that I know) is irrelevant in this case.

Wind 'em and get on the air!

regards,

Mahlon - N4EEE

Date: Mon, 21 Jun 1999 21:32:38 -0500
From: Dave Redfearn <n4elm@texoma.net>
To: qrp-l@lehigh.edu
Subject: [43240] Re: Need help with RED HOT NC-20 torrids!!
Message-ID: <376EF5C6.1636C209@texoma.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks for the toroid suggestions.

I reviewed the manual again and further along the picture for T4 is much clearer and the wires are plainly visible.

It kinda makes sense now but it still sorta looks like the primary and secondary windings end up out of phase.

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Wed, 23 Jun 99 14:04:45 +0000

From: n4elm@texoma.net
To: bowerm@ix.netcom.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43341] Re: Another question from newbie (long)
Message-ID: <19990623140445.53FFA15EC18@mail.texoma.net>

```
<pre>
What am I missing? In particular, do I really need an antenna tuner?
Do I really need an expensive albeit portable antenna?
Michael - N4NMR
bowerm@ix.netcom.com
</pre>
```

Hi Michael,

You will pretty much need the same equipment whether it is set up at home or at a portable location.

A long wire antenna usually requires some type of antenna tuner. To use the antenna tuner you will need some type of SWR/Power meter to tell when the tuner is matched.

Due to economics of speed and laziness, I leave the home antennas set up and take some type of portable or temporary antenna.

So since I'm actually starting to pack for a vacation trip and I'm somewhat limited on space in the car this year, in general this is what I'm taking:

160 - 10 M HF transceiver
2M/440 HT
Keyer/paddles
mike
12V power source
tuner
SWR/Power meter
coax jumper cables
antenna
tools

And here is the equipment:

K2 HF transceiver with built in keyer. Optionally, it can also be equipped with a battery and auto antenna tuner, wish I had those :-)

Kent iambic paddles, good and sturdy, no finicky adjustments.

Actually the K2 is CW only so I won't be taking a mike but it would make a good remote tune switch.

Power will be supplied by a 12V gell cell battery with charger or an Astron SS-18 power supply. Both packages are about the same size but I can use the battery out on the porch or down at the dock.

MFJ 971 QRP tuner, It's a basic T match with SWR/power meter, will match about anything.

Coax - 3 foot RG8X jumper to connect the radio and tuner. 50 foot RG8X cable to extend any antenna runs.

Antennas - Trying new antennas is always the fun part of a trip.

100 ft. wire - ex-military reel & wire, makes a quick random wire or L when fed with the tuner, easy to un-reel or crank back onto the reel.

end fed 20 Meter dipole - based on QST article, covers 20 Meters, can be hung vertically or horizontally, can be rolled up about 2 ft diameter, my favorite.

Outbacker Perth mobile antenna and camera tripod - can be used on the car or set on the tripod as a vertical, covers 80 - 10 Meters

4 multiband radials - ribbon cable with alligator clips, built from QRP-L article, 40 - 10 Meters, can be used with the Perth/tripod or with the tuner/100 ft wire as radials, 2 can form a dipole antenna fed with the coax and tuner.

Standard 508 HT and mini mag mount antenna - mini dual bander, I don't plan on transmitting much so the 100mW output is OK. A five watt HT may be more useful if a lot of transmitting is planned. Both the radio and antenna are small enough to fit about anywhere. The mag mount antenna works well on the car or in hotel room.

Tools - I always carry a tool bag anyway. I usually end up having to fix or repair something.

Except for the Perth, camera tripod, and tool bag, everything fits into a small (6"X2'X2.5') box that slides under a seat in the minivan. The Perth and tripod also fit under the back seat.

73 - Dave,
N4ELM

Date: Wed, 23 Jun 1999 10:11:07 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43342] Re: Super-Wire-Kit plus options
Message-ID: <Pine.LNX.4.04.9906231006080.685-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There are parts left for 6 complete kits with all options if anyone else is interested.

Shipment is up to date. Kits are being shipped within 24 hours of receipt of order. (All kits were made up prior to posting which made things a lot less hectic).

73,

Jim n2go

On Mon, 14 Jun 1999, James Skalski wrote:

>
> First there was a resistor kit, then there was a capacitor kit....
> For a limited time there will be a super duper wire kit
>
> Kit includes the following:
>
>
> * 5- fifty foot rolls #22 silver plated, stranded teflon wire (5 colors)
>
> * Magnet Wire -- 10 feet of each of the following sizes:
> #20, #22, #24, #26, #28, #30, #31
>
> * 5 feet of Buss wire in #18 and #20 gauges
>
> * plus 10 feet of the following solid copper conductor tinned hookup
> wire:
> #18 red, #20 vio, #22 brn, #24wh, #24blk
>
> * 5 feet nichrome wire
>
> * 6 feet of RG-174 mini coax
>
> * 5 feet RG-196AU 50 ohm mini teflon coax
>
> * 1/8" plug on 3 foot two conductor gray cable (for keys ,speakers etc)
>
> * pair of 1/4" stereo panel mount jacks with hardware (for
> paddles/phones)

>
> * Pair of sub mini plugs (two piece)
>
> *****All of the above \$20 including priority mail shipping*****
>
>
> #####OPTIONS*****
>
> MOSFET OPTION includes four RCA 40673 dual gate mosfets add \$10 to above
>
> PARTS OPTION including:
>
> 2- MPF-102 FETS
> 10- 2N3904 npn transistors
> 10- 2N3906 pnp transistors
> 2- new Raytheon 70-1-2 knobs
> 8- 2 watts 100ohm carbon resistors with instructions
> to make a 16 watt 50ohm dummy load
> 10- LED diodes
> 20 axial xicon caps
> 10- 4.7 uF electrolytics
> 10- .47 tantalum caps
> 10- 4.7 Tantalum caps
> 10- 10uf Tantalum caps
> 20- .047 ceramic caps
> 10- 82 pf ceramic
> 10- .01 ceramic caps
> 20- .05 ceramic caps
> 10- .1 ceramic caps
> 10- 50pf ceramic caps
> 10- .022 ceramic caps
> 1- centralab PA1011 4pol 2 pos non shorting switch
>
> all above new add \$10 to super kit
>
>
> If interested tell me what options if any and I will tell you what I have
> left. I think these are pretty good deals and will go on a first come
> first served basis.
>
> 73,
>
> Jim n2go
>
>
>
>
>

Date: Wed, 23 Jun 1999 07:33:38 -0700
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: qrp-l@lehigh.edu
Subject: [43343] HW-9 SWR Meter?
Message-ID: <3770F042.F3D98E3E@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I picked up an HW-9 SWR meter at the last local club meeting. It looks mint. It didn't have a manual. I was wondering if anyone has the manual for one, so I can check it out. Please let me know.

--
73 de AC6KW <mailto:grudin@vdbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Wed, 23 Jun 1999 10:40:30 -0400
From: "Jim Stafford, W4QO" <w4qo@amsat.org>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [43344] Re: Another question from newbie
Message-ID: <3770F1DE.11BE014@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I agree with Zak. A dipole or I like an inverted vee. One good throw over a limb holds up the center insulator and the ends are tied off near ground level. I like to have a 40 and 20 meter half wave tied together at the center insulator with the ends tied off at differenct points. This way I can work 40,20 and 15.

Some folks like to have just one dipole/inv vee element for say 40 meters and then break the element up with insulators at the appropriate points to resonate at the higher bands. Use an alligator clip/pig tail to clip across the insulators for the lower bands.

The mast is nice (one of those Black Widow fishing rods if nothing else)

in case you have no trees.

--

Jim Stafford, W4QO 770-993-9500 VP - QRPARCI #6515
+++The THRILL is back - QRP - what ham radio is all about!
+++<http://www.qrparci.org>

Date: Wed, 23 Jun 1999 07:44:08 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [43345] Brannan Island QRP FD expedition is off
Message-ID: <19990623144408.25439.rocketmail@web106.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

This is to let the hordes of fellow QRPers that were planning to come to Brannan Island Field Day know that due to forces beyond our control we cannot assault the island.

I know there were hundreds of you planning on coming!
8-) Sorry that we couldn't do it this year.

72 and good luck on Field Day!

Jeff

===

Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780
CW Forever!!!
Ghost Hunter
Owner of the Delta MudCats fantasy baseball team
Voicemail/Fax 1-888-Excite2 ext 925-439-2514

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 23 Jun 1999 10:59:04 -0400
From: Joseph Trombino Jr <joebarb@wilmington.net>
To: QRP-L@LEHIGH.EDU
Subject: [43346] QRP Baluns

Message-ID: <3.0.6.32.19990623105904.007b6770@wilmington.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Fellow QRP'ers:

The question of using baluns with simple dipoles leads me to an obvious question. Why are there no QRP type baluns available commercially?? There are the huge KW jobs available that weigh a ton (not tree-friendly) but seemingly no small, lightweight baluns for QRP'ers. Hmmmm...another NorCal kit in the making???:-)

With the above in mind, I am wondering if such a QRP balun, 1:1 type for use with a dipole could be homebrewed from, say, T-68 toroid cores. My planned output would be no more than 2W but wonder if the T-68 could handle the QRP gallon of 5W??

I am planning a possible QRP DX trip (more on that later) using only 20M with a DSW-20 and a dipole, thus, the interest in a QRP balun.

Has anybody done the above?? I need detailed instructions on to build such a balun quickly. Any help out there???

Many thanks in advance for any help forthcoming.

Regards, Joe W2KJ

Date: Wed, 23 Jun 1999 11:19:36 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [43347] "Killer" antenna in QST
Message-ID: <v03102803b396aaa542de@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Has anyone built and used one of the elevated ground plane "Killer" antennas described in the June 99 QST?

The results that the author had sound almost too good to be true. Although I don't doubt them, I'm just wondering what second opinions might be.

72/73,

Rick kf4ar

Date: Wed, 23 Jun 1999 08:33:31 -0700
From: "Radman" <radman@best.com>
To: <joebarb@wilmington.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43348] Re: QRP Baluns
Message-ID: <199906231531.IAA20609@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joe et al,

Check out LDG Electronics at URL:
<http://www.ldgelectronics.com/>
Their "BA-1 Balun Kit" might do the job for you -- I'm
happy with mine :)
It's configured for 4:1, but I don't see why you couldn't
configure for 1:1.

Here's the specs: The BA-1 Balun was designed to allow
easy interface of ladder line antennas and long wires to
the LDG line of Automatic Antenna Tuners. This kit
operates "stand alone", thus does not require an LDG
Tuner. It may be used with any of your long, random, or
ladder line antenna projects.

Size: 2.5 in. x 3.6 in. x 1.3 in.
Weight: 6 oz (with enclosure)
Configuration: 4:1
Frequency Coverage: 1.8 to 30 MHz.
Power Range: to 200 watts
Easy to weatherproof.
Price w/ enclosure \$25.

std disclaimer :)

GL es 72,

Conrad - NN6CW

Joe wrote:

Why are there no QRP type baluns available commercially??
There are the huge KW jobs available that weigh a ton (not tree-friendly) but seemingly no small, lightweight baluns for QRP'ers.

I am wondering if such a QRP balun, 1:1 type for use with a dipole could be homebrewed from, say, T-68 toroid cores. My planned output would be no more than 2W but wonder if the T-68 could handle the QRP gallon of 5W??

Many thanks in advance for any help forthcoming.

Regards, Joe W2KJ

Date: Wed, 23 Jun 1999 11:42:04 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@lehigh.edu
Subject: [43349] Re: HW-8 help needed
Message-ID: <3771004C.599D@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sounds like one of the low level amps is oscillating at 4 or 5 MHz.
--Zack W1VT

Date: Wed, 23 Jun 1999 09:56:12 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@Lehigh.edu>
Subject: [43350] For Sale/Trade Icom w2A HT
Message-ID: <199906231554.JAA30537@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am looking to sell or trade for some QRP equipment a Icom W2A dualband 2 mtr 440 mtr HT with desk charger/wall charger charger adapter/filtered mobile power cord/2ea battery packs now with nicads in them/speaker mike.

reply direct to colcal@srv.net dor 208 357 7431 72 Cal KF7ET

Date: Wed, 23 Jun 1999 11:55:08 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [43351] SPRINT HINTS
Message-ID: <efe6c9b6.24a25d5c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was wondering those of you who participate in the ARS SPRINT monthly might share some hints for success. It appears the participants that have multi band rigs that with one pound or less (rig, ps, and key) do well. What sort of rigs fall into this category? My QRP PLUS does super but that and my Bencher key and ps help put it up about 7lbs or so. I NEED TO *SLIM DOWN*

It appears you need a lightweight with rig that receives well. Thanks for your help. I figure the same setup would be great also for hiking. Have a super day! Alan KB7MBI

Date: Wed, 23 Jun 1999 10:59:46 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: joebarb@wilmington.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43352] Re: QRP Baluns
Message-ID: <37710472.207155DE@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joe, the Bytemark fellow - sorry, can't remember his name or call, but he is active on the list - posted on this topic some time back with the comment that shrinking a balun in size to match reduced power is very tough to do.

Suggest you do some searching for that posting, or perhaps he or someone with a real memory (!) can provide the reference.

Gist of the problem seems to be that a simple scale reduction in size meets with substantial problems in maintaining balances and in

fabricating transmission line sections of the correct and constant impedance, etc.

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Joseph Trombino Jr wrote:

> The question of using baluns with simple dipoles leads me to an obvious question. Why are there no QRP type baluns available commercially?? There are the huge KW jobs available that weigh a ton (not tree-friendly) but seemingly no small, lightweight baluns for QRP'ers.

Date: Wed, 23 Jun 1999 11:22:41 -0500
From: Karl.Kanalz@optelinc.com
To: w5yr@swbell.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [43353] Re: QRP Baluns - A Possible Solution
Message-ID: <86256799.005A663B.00@hdxsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Joseph Trombino's major complaint *seems to be* the fact that the "kilowatt baluns" on the market are all bulky and heavy (and expensive!). For the most part, I'd have to agree, but if Joseph will get out his copy of the ARRL Handbook, he'll see a balun design that's easy to build, will handle any power level and is LIGHTWEIGHT to boot!

This same design is used by VanGordon in their baluns, and they are lightweight. The balun in The Handbook is an air-core design, and although wound on a phenolic form, VanGordon uses PVC pipe for their core (I know, 'cause I tore one apart!).

Alternatively, Joseph could wind a "traditional" ferrite-cored balun, connect the antenna leads to binding posts and the feedline input to an S0-239, and then cast it in epoxy resin or clear acrylic in a minimum-size mold to keep it small and lightweight.

Either solution should do, don'cha think?

Karl K - W8TIF
McKinney, Texas

"George T. Baker" <w5yr@swbell.net> on 06/23/99 10:59:46 AM

Please respond to w5yr@swbell.net

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
cc:

Subject: QRP Baluns - A Possible Solution

Joe, the Bytemark fellow - sorry, can't remember his name or call, but he is active on the list - posted on this topic some time back with the comment that shrinking a balun in size to match reduced power is very tough to do.

Suggest you do some searching for that posting, or perhaps he or someone with a real memory (!) can provide the reference.

Gist of the problem seems to be that a simple scale reduction in size meets with substantial problems in maintaining balances and in fabricating transmission line sections of the correct and constant impedance, etc.

72/73, George AMA 98452 R/C since 1964
Amateur Radio W5YR, in the 53rd year and it just keeps getting better!

Joseph Trombino Jr wrote:

> The question of using baluns with simple dipoles leads me to an obvious question. Why are there no QRP type baluns available commercially?? There are the huge KW jobs available that weigh a ton (not tree-friendly) but seemingly no small, lightweight baluns for QRP'ers.

Date: Wed, 23 Jun 1999 09:28:20 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: wa8mcq@erols.com
Cc: qrp-1@Lehigh.EDU
Subject: [43354] Re: HW-8 help needed
Message-ID: <19990623.093534.-4065555.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike,

Why don't you try looking into the antenna jack with an antenna analyzer, such as the MFJ-259B? Place a test resistor across the PA collector to ground, using the formula that approximates the collector impedance:

$$R_{\text{collector}} = V_{\text{cc}} / (2 \times P_{\text{out}})$$

For about 2 watts of output at 13.8v supply, a 47 ohm 1/4 watt resistor would be about right. For other power levels, use the formula and adjust the value of the test resistor accordingly. I usually tack solder it right across the C and E leads. Be sure to leave the power off during the test, and remove the resistor before applying the power supply when finished with the tests. Read the SWR, resistance, and X value right off the antenna analyzer. Some manipulation of the LPF components should result in a good 50 match taken at the antenna connector.

This should tell you if the PA low pass filter (LPF) is working OK, or if the toroids, etc., have changed or gone bad.

If this checks out, then a closer look at the VFO and HFO and their RF voltage levels would be in order. You've already mentioned some of the suspect areas, such as the diode switches and mixer.

I don't have an HW-8, just a HW-9 that I am trying to clean up a lot of birdies on 10m and other bands. But I have done many hours of work on an SB-104A, and I found many of the toroids and tuned circuits to be way off of their optimum design points. The VFO in this rig (and the SB-644 remote VFO) was particularly troublesome, but is clean now after optimizing its bandpass filter and replacement of a silicon switching diode with a genuine PIN diode.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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Date: Wed, 23 Jun 1999 09:52:36 -0700
From: David J Adams <adamsclan@netgate.net>
To: QRP <qrp-l@lehigh.edu>
Subject: [43355] CDRom Archive
Message-ID: <377110D4.964C7871@netgate.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings! To the twelve people waiting for their qrp-l archive disks, I am now officially pox free and have dropped all the disks at the post office. Enjoy.

73 de dave, n9uxu

Date: Wed, 23 Jun 1999 10:05:38 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: qrp-l@lehigh.edu
Subject: [43356] RE: HW-8 spurs
Message-ID: <19990623.100538.-4065555.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike,

Also don't hesitate to replace some of the transistors Heath used in their kits. I have had very good luck on my HW-9 by substituting some MPS2222A and 2N3904 devices at critical points in the driver and pre-driver positions. This cleared up the instability on 15m completely, and also added a couple of extra watts output on 10m. Watch out especially for low-gain 417-801 (MPSA20) and leaky / low-gain 417-201 (X29A829) transistors.

And, if there is a ferrite bead on the base of the PA or driver stage, this is often an indication that there is inadequate bandpass filtering or gain distribution in the design. Careful selection of superior transistor may eliminate the need for such "Band-Aids", and can result in

better performance to boot. With care, you may still need to tweak the bandpass filters or HFO oscillator inductors to insure they are in proper tune.

In a radio this old, consider that the resistors may have aged enough that some or all of them may be way off value. This is especially true of the old carbon composition resistors Heath used at one time. These can be identified easily as they have a small ridge or seam on the body of the resistor. Later, Heath began using imported carbon film resistors that not only age better, but also have much tighter tolerance.

Similarly, some of the capacitors may be out of spec, so be on the lookout for them as well, especially in tuned circuits that don't "tune" well. ;-)

Good luck troubleshooting, and don't forget the previous warnings about poor PCB grounding to the aluminum chassis.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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Date: Wed, 23 Jun 99 17:11:31 +0000
From: n4elm@texoma.net
To: joebarb@wilmington.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [43357] Re: QRP Baluns
Message-ID: <19990623171131.C959E15EC71@mail.texoma.net>

<pre>
Hello Fellow QRP'ers:

The question of using baluns with simple dipoles leads me to an obvious question.
</pre>

I've always thought that the additional connections and the balun itself tend to increase losses.

If I feel like I need to reduce the rf radiation from the coax feedline, I just wrap 6-10 turns of the coax into a ~4 inch coil up at the antenna feed point.

73 - Dave,
N4ELM

Date: Wed, 23 Jun 1999 10:49:08 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'QRP-l List Server'" <qrp-l@Lehigh.edu>
Subject: [43358] OHR 100 Voltages..
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE01CC@hq-expo2.filenet.com>

Alas, I fried my OHR 100 last night and it'll require some bench time to bring it back to life. I wonder if anyone has had the foresight to record the valid pin/lead voltages for a properly operating model?

..my thanks in advance.

..otherwise, keep checking back at this spot and I will post one after the surgery is successfully completed.

Date: Wed, 23 Jun 1999 18:08:42 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-l@lehigh.edu
Subject: [43359] Women and Mt. Everest (was something about naming the K2)
Message-ID: <377221bc.153990856@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Women have indeed climbed Mt. Everest. I don't know the name of the =
first,
but Stacy Allison was the first American Woman -- she summited in 1988. =
I
know also that Aracelli Segarra (a Spanish woman) was part of the IMAX
climbing team in 1996, who also reached the summit.

I'm unaware if a women has climbed K2.

I'm pretty sure no QRPer has climbed either, and if they did, they didn't
operate. :)

--
72 es 73 de Marty, N5NW (x-KM7W, KN4BH, N4UYT)

=

Memphis, Tennessee =
http://home.earthlink.net/~mwattcpa
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"
Member -- Tennessee Contest Group

Date: Wed, 23 Jun 1999 13:11:04 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: joebarb@wilmington.net, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [43360] Re: QRP Baluns
Message-ID: <3.0.2.32.19990623131104.006a2924@bosshog.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Joe et al,

<snip>

I am wondering if such a QRP balun, 1:1 type for use with a dipole could
be homebrewed from, say, T-68 toroid cores.

</snip>

I've wound some baluns and matching transformers on small cores and found
that I could only get good results from about 20 through 6 meters. The
most significant problem seems to be not enough wire and core (inductance)
and poor efficiency on the low frequencies. Both related, I'm sure.

The suggestion to use a coil of coax (a choke balun) is the simplest and
easiest to implement. Don't wind the coil of coax too tight as you might
cause the center conductor to migrate to the shield. For 14 to 30 MHz ,
the 99 handbook (19.16/17) indicates a length of 8 ft wound into 6 to 7
turns. Another option is the use of ferrite beads over the coax close to
the antenna connection. The same book shows 12, FB-77-1024 beads used over
RG-213 or RG-8 coax.

72/73 Chuck - W5USJ - EM22cv - Rains County - Point, TX

Date: Wed, 23 Jun 1999 13:08:50 +0000
From: Jay Bromley <w5jay@alltel.net>
To: goodroe@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [43361] Re: Rare Kantronics 80/40 QRP rcvr ???

Message-ID: <3770DC62.9903EBDE@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Give Chuck Adams a buzz when he gets back. I think I saw one in the K5FO
mobile last Sunday.
73 de w5jay..

George Goodroe wrote:

> Hi All,
>
> Does anyone have any experience with the Kantronics QRP Radio currently on
> Ebay? Good or bad? And is it rare?

Date: Wed, 23 Jun 1999 14:27:55 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [43362] Re: Super-Wire-Kit plus options
Message-ID:
<Pine.LNX.4.04.9906231424140.2995-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The parts kits have been sold out. Any others will be on a standby list if
someone backs out.

whew ! It's hot here today.

73,

Jim n2go

Date: Wed, 23 Jun 1999 08:32:15 -1000 (HST)
From: "Mike W. Burger" <mike@gold.chem.hawaii.edu>
To: qrp-l@Lehigh.edu
Subject: [43363] antenna insulators
Message-ID: <199906231832.IAA16619@gold.chem.hawaii.edu>

I built a lot of stealth antennas. I found you can make great working insulators from ball point pen barrels. Bic is good, Pilot also works. Some of them are clear plastic, some even a faint blue or slight smoke color. You can "drill" them with a hot pin, cleaning up the melted hole with a sharp knife. Combined with some nylon monofilament, they make great "invisible insulators" that are small light and quite effective as insulators. I usually cut one barrel into two insulators.

Date: Wed, 23 Jun 1999 14:04:59 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [43364] four 20w linear kits left
Message-ID: <199906231848.0AA04038@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Howdy,

I have four of the 20 W HF linear amp kits left over. First four people to say they will have a check in the mail asap will get them. Price is \$27.00 pp.

These are parcial kits, but have most every thing you need to build the amp. Parts NOT included are a couple of 0.1ufd caps, dpdt relay, double sided pcb stock to build the amp on, heat sink, box, connectors and that sort of stuff.

Ideal amp to give a 1-2 watt pep qrp sideband rig some real punch.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 23 Jun 1999 14:50:17 -0400
From: Mark Sailer <msailer@msailer.rhic.bnl.gov>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [43365] Re: antenna insulators

Message-ID: <37712C69.CA563D92@msailer.rhic.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"Mike W. Burger" wrote:

> I built a lot of stealth antennas. I found you can make great working
> insulators from ball point pen barrels. Bic is good, Pilot also
> works. Some of them are clear plastic, some even a faint blue or
> slight smoke color. You can "drill" them with a hot pin, cleaning
> up the melted hole with a sharp knife. Combined with some nylon
> monofilament, they make great "invisible insulators" that are small
> light and quite effective as insulators. I usually cut one barrel
> into two insulators.

Here is my question.....

At QRP levels, why do we even need insulators?

You are using a line to hold the wire up that has insulating
characteristics. Shouldn't that be enough at 5w or less?

This would make the system even lighter and more managable to pack.

--

Mark N2JTW

Date: Wed, 23 Jun 1999 14:49:52 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [43366] Kenwood r1000 for sale
Message-ID: <3.0.5.32.19990623144952.0082c540@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

well thought I'd use this a lot, but have found I'd rather have one of the
TT rx320 rcvrs and or could spend the money on other toys.
So, \$250 obo. Excellent condition and has manual. As is make me an offer.

tnx es 73 de Scott/n3byy

Date: Wed, 23 Jun 1999 14:03:56 -0700
From: "Jerry Bartachek" <jbartac@max.state.ia.us>

To: qrp-1@Lehigh.EDU
Subject: [43367] RE: "Killer" antenna in QST
Message-ID: <37714BBC.16B8@max.state.ia.us>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Richard E. Robinson KF4AR (rerobins@email.uncc.edu) wrote:

Has anyone built and used one of the elevated ground plane "Killer" antennas described in the June 99 QST?

The results that the author had sound almost too good to be true.
Although
I don't doubt them, I'm just wondering what second opinions might be.

I have plenty of experience with this type of antenna, and am happy to respond with a "review" of my homebrew vertical GP.

My ground plane antenna is roof mounted (15 feet at the base) and is not resonant on the ham bands, but is indeed a "killer" antenna. The 21 foot tall aluminum vertical element is mounted in a small tripod using a PVC tube as an insulator. There are two 21-foot wire radials aimed roughly NE and SW, and I use a 300 ohm ladderline feeder. At one time it was resonant on 20 meters, but I'm experimenting with longer lengths to enhance the efficiency on 30 and 40 M. Although I operate QRP, I use an MFJ model 962 1.5 KW tuner. The big tuner has virtually no hand capacitance, making tune-up less stressful than the little tuners, and the big knobs are easier to read and reset also.

I've worked DX from all over the world using QRP with this antenna in its smaller and larger versions. I have also worked KH6 on 40 meters with the 20 M GP and repeated the feat with the 21 foot tall GP. I can tune it on 160 and 80 meters, but I just did it to see if I could. Efficiency is terrible with an antenna that small, of course.

What I like the best about this antenna, is that I get equal or better reports than I give to the QRO gang on 30 through 10 meters. It's the only antenna I've ever had that did THAT! I think much of my success with my vertical is due to low angle radiation. With my longer version the antenna is close to 5/8 wave tall. It is about 1/2 wave on 15 meters, which gives a lower theoretical angle of radiation than a 1/4 wave vertical.

I imagine someone will respond to this posting and say that using only 2

radials will not work. I used to have 4 radials, cut off 2 of them just to see if there was a difference in my reports from friends I QSO regularly. Since I could not tell any difference on transmit or receive in a year, I have not bothered to re-add the removed radials.

I absolutely love tuned feeders and may never go back to coax. It is also noteworthy that one can build about 10 GP antennas like mine for the price of one R-7000 or DX-88. Wire antenna buffs: you can make VERY cheap ground planes out of wire hanging in trees and feed them with ladder line. I wish my trees were closer to my house! The bottom line is that I feel life is better without traps, loading coils, linear loading, and other complex appendages necessary for coax feed.

72,

```
  _ _ _ _ _  
 | | / / | | \ \ | | / / | | \ \ | |  
 | | \ \ | | / / | | / / | | \ \ | |  
 | | \ \ | | / / | | / / | | \ \ | |  
  _ _ _ _ _
```

Jerry L. Bartachek <><
Washington, IA
IA QRP #10
QRP ARCI #5166

Date: Wed, 23 Jun 1999 12:28:18 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: mike@gold.chem.hawaii.edu
Cc: qrp-l@lehigh.edu
Subject: [43368] Re: antenna insulators
Message-ID: <199906231920.MAA29486@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:32 AM 6/23/99 -1000, you wrote:

>
>I built a lot of stealth antennas. I found you can make great working
>insulators from ball point pen barrels. Bic is good, Pilot also
>works. Some of them are clear plastic, some even a faint blue or
>slight smoke color. You can "drill" them with a hot pin, cleaning
>up the melted hole with a sharp knife. Combined with some nylon
>monofilament, they make great "invisible insulators" that are small
>light and quite effective as insulators. I usually cut one barrel
>into two insulators.
>

If you are near someone who is diabetic, or who regularly self-injects with

legal medication, you can probably talk them out of the used syringes, minus needles. They work well, also.

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Wed, 23 Jun 1999 15:32:30 -0400
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [43369] Field Day Safety
Message-ID: <DE00EC7EAB0ED311971B00A0C9B426B6858DFC@exchange.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Gang,

Please be careful out there, even if you think you know the terrain. One year here at the Lab, we hosted a joint club Field Day event on our nice camping and picnic grounds. All permissions were secured ahead of time and all that.

The other club had a nice tower they were going to erect to hold a wind generator for charging the batteries, etc. They brought along a gas power auger to secure the tower base. Without realizing it they drilled right through the neutral side of a 440 vac feed to the camping spickets - Phew! We almost had baked Hams that year (not even a little funny). Nothing was marked on the grounds. Noone had a clue what was only several inches below our feet running right across our field.

The Lab wanted to charge our club \$2500. for the replacement of the line too. We informed them that it was not originally installed according to code and all that. We never paid for the repair. The lines were too shallow and not in gravel or conduit or anything (but that's a different story).

So please check out the area with someone who knows if you can - first! After that experience we had them come down the next year with blueprints and chalk-mark the lines on the grass. After that - they would not let us anchor anything into the ground (Oh Well). So we use wire antennas and a tower trailer now. It's still fun. So if you have any doubts about it, don't even bother. A few extra points in the log is not worth someone dieing over.

Have a great Field Day and Stay Safe! Listen for K2BNL (mostly QR0, but

Jeff WB5GWB and I will have a QRP station running in the midst of it all :-)

72,
nick - kf2ph . .

Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Wed, 23 Jun 1999 15:33:42 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <msailer@msailer.rhic.bnl.gov>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [43370] RE: antenna insulators
Message-ID: <000501bebda1\$4da8ff00\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My feeling is that, regardless of power level, an antenna should be as lossless as possible.

You're dealing with electromagnetic and electrostatic fields. Preserve them!

In my extensive experience as a cliff dweller using hidden antennas, the ones well-insulated with porcelain and glass really worked out.

Similarly, don't scrimp on grounds. My last apartment-based hidden end-fed used 3-inch-wide heavy copper braid between the L-network and the apartment's steam pipe "ground." Man, did it work out! My lil Argonaut at 3 or 4 watts worked many a CW, SSB, and AMTOR QSO into all parts of the world.

You can use plastic (of questionable dielectric quality), or nothing but "string and sealing wax," but it's my belief that glass insulators and porcelain standoffs make for an effective antenna that will work better than one not so treated.

Also, as QRPers, we like to make things small, but small antenna tuner components--especially coils--may suffer from reduced Q (the ratio of DC resistance to reactance). The kW-sized tuners work better at QRP power levels. The use of copper strips instead of wires between a tuner's components also reduces parasitic inductance, whihc may be a factor at the higher frequency bands.

Anyone else agree? Disagree?

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Mark Sailer

> Sent: Wednesday, June 23, 1999 2:50 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: antenna insulators

>

>

> "Mike W. Burger" wrote:

>

> > I built a lot of stealth antennas. I found you can make great working
> > insulators from ball point pen barrels. Bic is good, Pilot also
> > works. Some of them are clear plastic, some even a faint blue or
> > slight smoke color. You can "drill" them with a hot pin, cleaning
> > up the melted hole with a sharp knife. Combined with some nylon
> > monofilament, they make great "invisible insulators" that are small
> > light and quite effective as insulators. I usually cut one barrel
> > into two insulators.

>

> Here is my question.....

> At QRP levels, why do we even need insulators?

> You are using a line to hold the wire up that has insulating
> characteristics. Shouldn't that be enough at 5w or less?

>

> This would make the system even lighter and more managable to pack.

> --

>

> Mark N2JTW

>

>

Date: Wed, 23 Jun 1999 15:51:29 EDT

From: Wa2eaw@aol.com

To: mike@gold.chem.hawaii.edu, qrp-1@lehigh.edu

Subject: [43371] Re: antenna insulators
Message-ID: <8318dca9.24a294c1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I also use stealth antennas as I work out of a condo & antennas are
Forbidden!!!

For my insulators I use monofilament hi-test fish line at about 75 lb test.
It appears to be resistant to UV Rays as it has been in the Florida sun for
about 4 years now and no problems of any kind. I feel the mono filament fish
line is more ham friendly regarding sneaky stealth antennas then anything in
use to date. The 28ga wire has been replaced; due to breaking; but never the
monofilament,
72/73 de Bob...wa2eaw

Date: Wed, 23 Jun 1999 15:53:24 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu, nwq-1@scn.org
Subject: [43372] MULIBAND NO-TUNER DIPOLE
Message-ID: <62a8024c.24a29534@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

With field day rapidly approaching some of you may be interested in this
information I found on a NO TUNER MULTI-BAND DIPOLE:

<http://www.antennex.com/preview/notuner.htm>

I have not experimented with this yet so no claims but there may be some out
there who have some personal knowledge...anyways enjoy..Alan KB7MBI

Date: Wed, 23 Jun 1999 14:54:34 +0000
From: Tim Ahrens <tahrens@hilconet.com>
To: mwattcpa@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43373] Re: Women and Mt. Everest (was something about naming the K2)
Message-ID: <3770F52A.EE9FCB94@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Marty Watt wrote:

>

<snip>

> I'm pretty sure no QRPer has climbed either, and if they did, they didn't
> operate. :)

Hey Marty - you gonna start up the DXpeditionary force? hehe
Wonder how many Qs you could make?!!

Tim W5FN

Date: Wed, 23 Jun 1999 14:56:54 +0000
From: Tim Ahrens <tahrens@hilconet.com>
To: msailer@msailer.rhic.bnl.gov
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43374] Re: antenna insulators
Message-ID: <3770F5B6.D7EF55FE@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I can't think of a time that I've ever used insulators with my QRP field
ops... never had any problems getting out. (never ran over 5 watts).

Tim W5FN

Date: Wed, 23 Jun 1999 15:38:30 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [43375] RE: antenna insulators
Message-ID: <000001bebdb8\$5bacdc80\$d8016f81@uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Big rubber bands work great! They insulate the antenna and make good shock
absorbers.

Kevin, WB5RUE
Leeniers? We dunt need no steenking leeniers!

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Tim Ahrens
> Sent: Wednesday, June 23, 1999 9:57 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: antenna insulators
>
>
> I can't think of a time that I've ever used insulators with
> my QRP field
> ops... never had any problems getting out. (never ran over 5 watts).
>
> Tim W5FN
>

Date: Wed, 23 Jun 1999 15:39:47 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [43376] RE: Women and Mt. Everest (was something about naming the K2)
Message-ID: <000101bebdb8\$8996dbf0\$d8016f81@uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I wonder how long the batteries would last in the sub-zero temperatures?
Might be worth a try....
Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Tim Ahrens
> Sent: Wednesday, June 23, 1999 9:55 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Women and Mt. Everest (was something about naming the K2)
>
> Hey Marty - you gonna start up the DXpeditionary force? hehe
> Wonder how many Qs you could make??!

>
>
> Tim W5FN
>

Date: Wed, 23 Jun 1999 14:43:55 -0500
From: Tim Pettibone <tpettibo@NMSU.Edu>
To: tahrens@hilconet.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43377] Re: Dxpeditionary force
Message-ID: <3.0.6.32.19990623144355.007d0500@cnmailsvr.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:54 PM 6/23/1999 +0000, Tim Ahrens wrote:
>Hey Marty - you gonna start up the DXpeditionary force? hehe
>Wonder how many Qs you could make?!!
>
>
>Tim W5FN
>

A QRPer from here in Las Cruces but not a member of this list (how can that be?) is scheduled to be in Africa this summer (he goes there a lot). He's planning on operating from on top of Mt. Kilimanjaro (sp?). If he'll let me, I'll try to post the particulars but he may not want an extra 3,000 hams calling him!

Tim K50I

p.s. This guy is a big reason why the local club is going to field day, QRP only! Listen for us - N5BL on most bands, most modes, from Cloudcroft NM.

Date: Wed, 23 Jun 1999 16:48:44 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <tahrens@hilconet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43378] Re: antenna insulators
Message-ID: <026a01bebdb9\$c9f61660\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I used to use 6-packs. No, not the full cans. Well, they WERE used, but not as insulators.

I'd take the rings and fold them 3x2 back down to a single ring 6 times around. Then either use them like that, or twist into a figure-8 and fold it over to make a tiny ring that was 12 times.

They wouldn't last for a long time, I think they intentionally 'break down' so as not to be a hazard in the wild, but they make great insulators for quick use at a campsite. Just don't tie wire directly to it, as the wire can 'cut' through the plastic (the smaller the wire, the faster the cut).

And just for animals sake, before you dispose of the rings, make SURE you cut through them. Besides, you're not going to resuse them, you'll get a NEW sixpack to get NEW rings, right?

Mike Yetsko
N1DVJ

Date: Wed, 23 Jun 1999 22:54:42 +0200
From: "Hans =?ISO-8859-1?Q?Sundstr=F6m"?= <hans.sundstrom@telia.com>
To: <ARDUJENSKI@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [43379] SV: MULIBAND NO-TUNER DIPOLE
Message-ID: <199906232054.WAA05334@d1o22.telia.com>

I built several antennas according to this principle back in the 70:ies. Both as horizontal dipoles and inverted vees. I the found them working very good. *If* I remember it right, one that I cut for 80, 40 and 20 worked very good on the bands the antenna were oiriginally made for, and OK for 15 and 10 meters as well. With no tuner.

73

Hans / SM4ATJ

-----Ursprungligt meddelande-----
Fr n: ARDUJENSKI@aol.com <ARDUJENSKI@aol.com>
Till: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Datum: den 23 juni 1999 21:58
mne: MULIBAND NO-TUNER DIPOLE

>With field day rapidly approaching some of you may be interested in this
>information I found on a NO TUNER MULTI-BAND DIPOLE:

>
><http://www.antennex.com/preview/notuner.htm>

>
>I have not experimented with this yet so no claims but there may be some
out

>there who have some personal knowledge...anyways enjoy..Alan KB7MBI
>

Date: Wed, 23 Jun 1999 17:13:50 -0400
From: sergio <sruiz@bright.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [43380] Re: SV: MULIBAND NO-TUNER DIPOLE
Message-ID: <37714E0E.A05C5B64@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

in at this same page:

<http://www.antennex.com/preview.htm>

there is a neat discussion on using switching (computer) power supplies in the
shack...

i seem to remember this subject thread in the past few weeks or so...

i have tons of these laying around in my office, so i will pop one out and try
it..

--

peace,
sergio
<http://www.bright.net/~sruiz>
"the village buzz"

Date: Wed, 23 Jun 1999 17:19:34 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [43381] Fw: [DXR] Lighthouse Weekend Events
Message-ID: <00fd01bebdbbe\$181f6860\$285445c6@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: K2JXW <weidner@kwiknet.net>
To: <Undisclosed.Recipients@kwiknet.net>
Sent: Wednesday, June 23, 1999 8:41 AM
Subject: [DXR] Lighthouse Weekend Events

> NOTE: This message is being sent to more than one list;
> so you may receive multiple notifications if you subscribe
> to several ham radio or boating mailing lists. Sorry if that
> is a problem, but there's no way it can be avoided at this
> end.

> =====

>
> The special events for National Lighthouse Weekend
> (August 7 & 8) and International Weekend (Aug 21 & 22)
> are shaping up nicely. Several more countries have been
> added to the list and several more stations are planning
> to participate. We have about twice as many USA stations
> listed this year as last, and several have obtained special
> 1x1 calls for the days (mine will be W2L).

>
> In addition, several groups are offering lighthouse awards,
> and the criteria are given on my web site for Denmark,
> Sweden, Nw Zealand, and our Chesapeake Bay Net
> <http://www.waterw.com/~weidner/ld.htm>

>
> I am also maintaining the "official" list of participating
> stations and countries on my web site; so you
> might want to check to be sure your group is listed and
> that the data are correct.

>

> Pass the word, and send me an e-mail if you want to be added
> to either my mail list or to the list of participants. If you want to be
> removed from MY e-mail list, let me know. BUT I can not remove
> you from the DX list, the Ten-Ten List, the Liveaboard List, or any
> other group's list. Those lists are out of my control.
>
> 73
> Jim Weidner, K2JXW (Extra)
> WebCaptain & Captain of the
> m/v "Sandy Claws"
> -----
> Celebrate Lighthouse Weekends - August 7-8 & 21-22
> >for information, go to
> www.waterw.com/~weidner/ld.htm
> Chesapeake & Delaware Bay Nautical News Net
> www.waterw.com/~weidner/boating.htm
> Ham Radio Marine Mobile Nautical Net
> www.waterw.com/~weidner/ham.htm
>
> -----
> Subscribe/unsubscribe, feedback, FAQ, problems <http://njdxa.org/dx-news>
> To post a message, DX items only, dx-news@jerseycap.net
> This is the DX Reflector sponsored by the NJDXA <http://njdxa.org>
>

Date: Wed, 23 Jun 1999 17:49:17 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: [qrp-1](mailto:qrp-1@lehigh.edu) <qrp-1@lehigh.edu>
Subject: [43382] Re: Another question from newbie + more ?
Message-ID: <3771565D.2132B5AC@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Several people have asked me what my current rig is. Here's what I know.

On the back it says:

Circuit Board Specialists
P.O.Box 969
Pueblo, Colo

The range is 7.012 - 7.128 (roughly)

It has a keyer built in but you have to supply speaker or headphones and power.

I have "scanned" the front of the radio and you will find the jpeg at:

<http://www.netcom.com/~bowerm/qrp.jpg>

If anybody has any more details (or a manual???), let me know.

I also have a HW-8 but don't know what condition it is in.

Other questions/comments:

Several people (much more in the know than me) have strongly suggested I really do need an Antenna Tuner. I see that MFJ has the MFJ-971 that includes an SWR meter and the MFJ-1601 random wire tuner. Comments?

Or would I be better off to get the MFJ-1621 that is a portable antenna and built-in tuner.

TIA (very, very much)

Michael - N4NMR

Date: Wed, 23 Jun 1999 22:51:51 +0100
From: paul brice-stevens <paul@g0wat.demon.co.uk>
To: qrp-1@lehigh.edu
Subject: [43383] Re: Rigs with catchy names
Message-ID: <Qai0hAA3bVc3Ew2X@g0wat.demon.co.uk>
MIME-Version: 1.0

>

>At which point we realized the mountain thing had been carried quite far
>enough. Besides- who the heck can spell 'Adirondacks'? ;-)

>

>72/73- Dave, NN1G

Here in the UK we have a range of hills called 'The Trussocks'...now
thats a fine name for a radio;) ...this quip may not have such resonance
with the lists American readers, but mention of the word never fails to
induce a smirk with most over this side of the pond.

Now this could be almost be a new parlour game...did I hear 'Quantocks'

anyone...!

72

Paul

GOWAT

G-QRP 8472 and Chiltern DX Club Member

--

paul brice-stevens

Date: Wed, 23 Jun 1999 18:24:02 -0400

From: "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>

To: <qrp-l@lehigh.edu>

Subject: [43384] new callsign

Message-ID: <199906232227.SAA00901@smtp3.erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Gang: I upgraded to Advanced last week and put in for a 2X2 call. It came through today. I am now KV4AP which is both easier to send and say (the suffix can be "apple pie"). I also wanted to get the new call before any testing standards were lowered and I managed to do it. (I feel like I should get an associate degree in engineering. That advanced test was tough for an old English lit major.)

The folks on this list, with their enthusiasm for the hobby and willingness to impart decades of knowledge, have been an inspiration to me. When I entered the hobby, I never thought I would get to General, let alone Advanced. I doubt I will be able to get to Extra before the FCC changes the rules, but I am going to try. And even if I don't get there soon enough, the code practise can only help.

Finally, a BIG thanks to those who serve as VEs. I've read the accounts of going to distant cities, dealing with gruff examiners, etc. It makes me really appreciate the convenience and friendliness I've encountered at our local testing sessions. One more upgrade and I will be among them.

72,

Jeff KV4AP (formerly KF4JSV)

qrp-l # 743

Manassas, VA

Date: Wed, 23 Jun 1999 18:06:00 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [43385] 20W linear kits
Message-ID: <199906232249.SAA02321@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Geeze, should have figured, 4 left and 10 want one... so far...

That's almost enough to consider another run of these. Tell you want, if we can get 10-15 more we'll do another run. Otherwise, I'll just pick 4 out of the responcees so far. I'll get back to everyone tomorrow, one way or the other.

A little more info for those that missed it when they were first announced.

About 2 watts in produces 20 watts out. They need a little more input power on 80 and 10 to get 20 out. The amp can be pushed as much as 40 watts out, but I don't recommend it. Best to leave some "head room"

I supply cores to build two low pass filters, (but no capacitors) one set for 80-30 and one set for 20-10. It's designed for use on a single band, but you can make it mutli-band with a switched LPF arragment.

It's built on a piece of double sided pcb stock by cutting "islands" out of the solid copper with a hobby knife. No etching needed. You supply the copper board.

Yes, it can be used on CW, but there is a T/R relay that will chatter. It switches pretty quick, so QSK is still retained, for the most part.

I have been using mine on 20M with a WM-20 and does a great job working DX.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

End of QRP-L Digest 1497
